

5. Modulation Characteristic

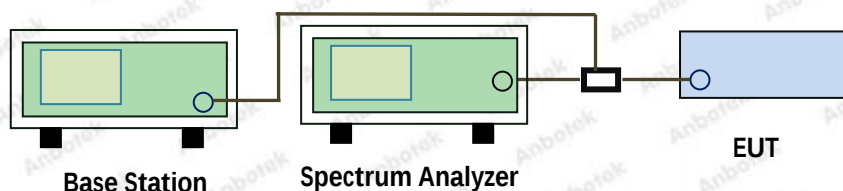
According to FCC § 2.1047(d), Part 22H, Part 24E& Part 27 there is no specific requirement for digital modulation, therefore modulation characteristic is not presented.

6. Occupied Bandwidth

6.1. Test Standard and Limit

Spec	Item	Requirement
§2.1049, §22.917, §22.905	a)	99% Occupied Bandwidth(kHz)
§24.238 §27.53(a)	b)	26 dB Bandwidth(kHz)

6.2. Test Setup



6.3. Test Procedure

1. The EUT's output RF connector was connected with a short cable to the spectrum analyzer
2. RBW was set to about 1% of emission BW, VBW= 3 times RBW.
3. -26dBc display line was placed on the screen (or 99% bandwidth), the occupied bandwidth is the delta frequency between the two points where the display line intersects the signal trace.

6.4. Test Data

GSM Mode:

Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Verdict
GPRS850	128	242.9	308	PASS
GPRS850	190	244.4	314	PASS
GPRS850	251	248.0	314	PASS
EGPRS850	128	244.9	310	PASS
EGPRS850	190	247.5	318	PASS
EGPRS850	251	243.7	309	PASS
GPRS1900	512	246.3	314	PASS
GPRS1900	661	247.2	313	PASS
GPRS1900	810	247.5	308	PASS

EGPRS1900	512	244.3	305	PASS
EGPRS1900	661	247.4	308	PASS
EGPRS1900	810	243.5	314	PASS

WCDMA Mode:

Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Verdict
Band II	9262	4140.9	4719	PASS
Band II	9400	4137.8	4725	PASS
Band II	9538	4154.6	4749	PASS
Band V	4132	4143.9	4726	PASS
Band V	4182	4137.5	4697	PASS
Band V	4233	4134.1	4700	PASS

LTE Mode:

Band	Bandwidth h	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0931	1.241	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0935	1.267	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0939	1.316	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0911	1.275	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0914	1.274	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0943	1.313	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6902	2.924	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6974	2.929	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7006	2.924	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6954	2.924	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6958	2.931	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.7002	2.928	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5045	4.898	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5012	4.885	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5090	4.943	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5119	4.876	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5036	4.926	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5047	4.889	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9668	9.561	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9796	9.565	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9879	10.07	PASS

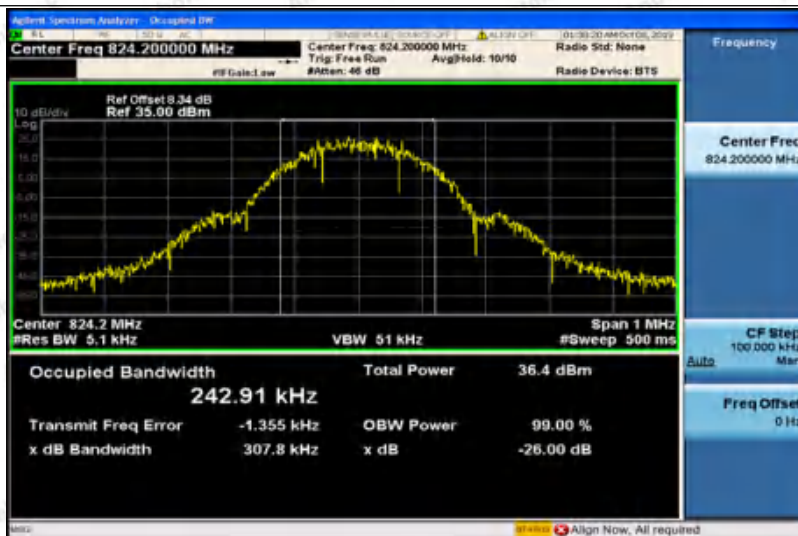
Band2	10MHz	16QAM	18650	50RB#0	8.9558	9.547	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9650	9.549	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9625	9.665	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.458	14.39	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.451	14.32	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.471	18.04	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.433	14.28	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.444	14.25	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.435	14.39	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.895	19.01	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.923	18.99	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.894	19.58	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.909	19.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.925	19.02	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.861	19.01	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.0935	1.273	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0954	1.308	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0934	1.302	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0922	1.297	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0940	1.278	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0931	1.250	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7013	2.920	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7001	2.918	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7014	2.920	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6993	2.909	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6902	2.921	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6938	2.931	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5048	4.912	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5043	4.881	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5027	4.898	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5059	4.872	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5034	4.852	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5022	4.915	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9632	9.505	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9680	9.557	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9662	9.527	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9649	9.541	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9602	9.526	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9694	9.513	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.463	14.31	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.487	14.32	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.467	14.27	PASS

Band4	15MHz	16QAM	20025	75RB#0	13.461	14.29	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.464	14.25	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.474	14.27	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.912	18.94	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.960	18.97	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.980	19.01	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.910	18.93	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.953	18.97	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.986	18.98	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0892	1.244	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0887	1.243	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0955	1.250	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0910	1.219	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0904	1.244	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0901	1.256	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6999	2.886	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6941	2.885	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7001	2.913	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6955	2.882	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6927	2.904	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6950	2.909	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5098	4.925	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5082	4.912	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5138	4.916	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5114	4.931	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5041	4.899	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5120	4.940	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9926	9.590	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9769	9.523	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9913	9.558	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9742	9.541	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9660	9.549	PASS
Band5	10MHz	16QAM	20600	50RB#0	9.0010	9.529	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.4948	4.866	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4987	4.898	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4955	4.896	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4983	4.850	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5019	4.899	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4940	4.900	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9525	9.533	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9680	9.533	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9618	9.538	PASS

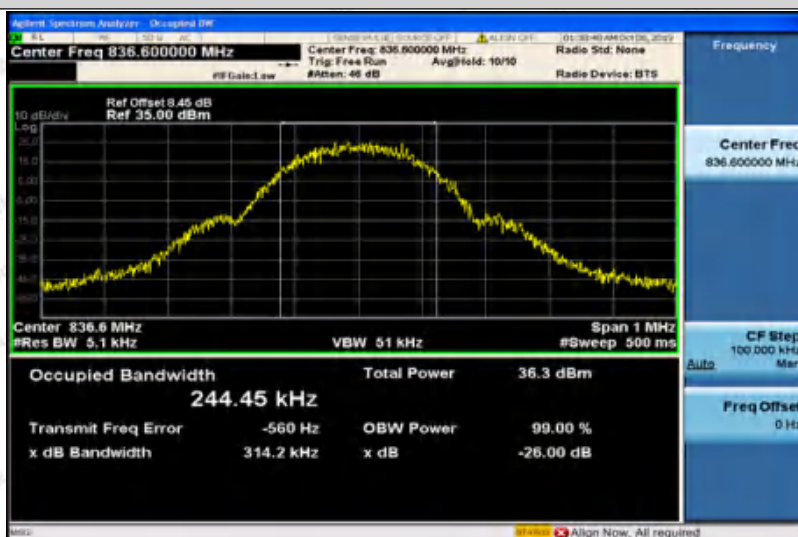
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Band7	10MHz	16QAM	21100	50RB#0	8.9610	9.546	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9504	9.533	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.415	14.24	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.434	14.25	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.432	14.31	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.415	14.23	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.442	14.26	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.435	14.26	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.883	18.92	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.885	18.95	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.897	18.96	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.877	18.94	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.894	18.96	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.898	18.99	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1.0915	1.263	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0953	1.277	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0913	1.278	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0905	1.280	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0927	1.273	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0932	1.297	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6968	2.907	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7003	2.932	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6969	2.910	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6908	2.936	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6934	2.908	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6942	2.930	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4859	4.856	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5132	4.878	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4937	4.901	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4920	4.904	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5197	4.864	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4963	4.893	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9392	9.523	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9935	9.568	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9492	9.534	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9426	9.498	PASS
Band12	10MHz	16QAM	23095	50RB#0	9.0068	9.599	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9392	9.538	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.5055	4.895	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5084	4.884	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.4904	4.904	PASS

Band17	5MHz	16QAM	23755	25RB#0	4.5106	4.926	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5068	4.884	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.4993	4.882	PASS
Band17	10MHz	QPSK	23780	50RB#0	9.0013	9.568	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9706	9.545	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9598	9.518	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9973	9.578	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9690	9.522	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9496	9.546	PASS
Band41	5MHz	QPSK	40265	25RB#0	4.4935	4.915	PASS
Band41	5MHz	QPSK	40690	25RB#0	4.4968	4.839	PASS
Band41	5MHz	QPSK	41215	25RB#0	4.5062	4.833	PASS
Band41	5MHz	16QAM	40265	25RB#0	4.4916	4.885	PASS
Band41	5MHz	16QAM	40690	25RB#0	4.5027	4.836	PASS
Band41	5MHz	16QAM	41215	25RB#0	4.4934	4.862	PASS
Band41	10MHz	QPSK	40290	50RB#0	8.9553	9.551	PASS
Band41	10MHz	QPSK	40690	50RB#0	8.9502	9.552	PASS
Band41	10MHz	QPSK	41190	50RB#0	8.9507	9.643	PASS
Band41	10MHz	16QAM	40290	50RB#0	8.9559	9.556	PASS
Band41	10MHz	16QAM	40690	50RB#0	8.9501	9.511	PASS
Band41	10MHz	16QAM	41190	50RB#0	8.9625	9.583	PASS
Band41	15MHz	QPSK	40315	75RB#0	13.423	14.30	PASS
Band41	15MHz	QPSK	40690	75RB#0	13.424	14.26	PASS
Band41	15MHz	QPSK	41165	75RB#0	13.437	14.43	PASS
Band41	15MHz	16QAM	40315	75RB#0	13.407	14.26	PASS
Band41	15MHz	16QAM	40690	75RB#0	13.426	14.26	PASS
Band41	15MHz	16QAM	41165	75RB#0	13.441	14.31	PASS
Band41	20MHz	QPSK	40340	100RB#0	17.873	18.97	PASS
Band41	20MHz	QPSK	40690	100RB#0	17.867	18.95	PASS
Band41	20MHz	QPSK	41140	100RB#0	17.906	19.06	PASS
Band41	20MHz	16QAM	40340	100RB#0	17.882	18.94	PASS
Band41	20MHz	16QAM	40690	100RB#0	17.868	18.94	PASS
Band41	20MHz	16QAM	41140	100RB#0	17.900	18.98	PASS

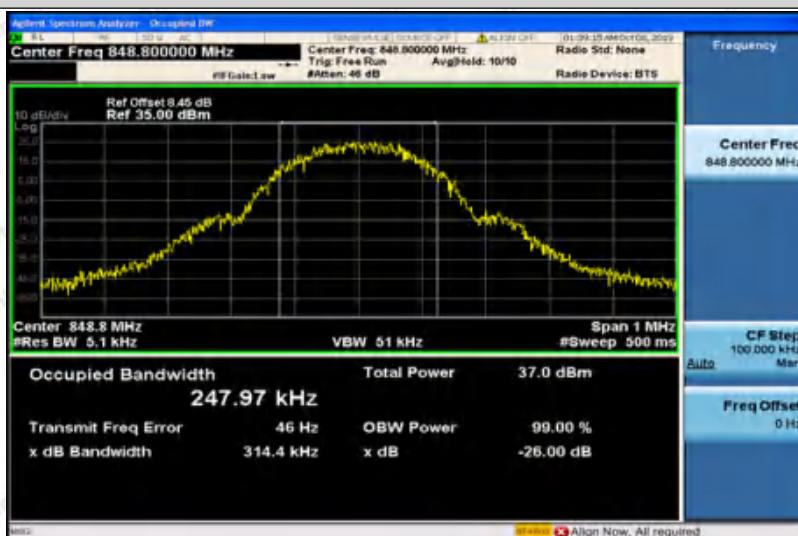
Test Graphs



GPRS850-128



GPRS850-190



GPRS850-251

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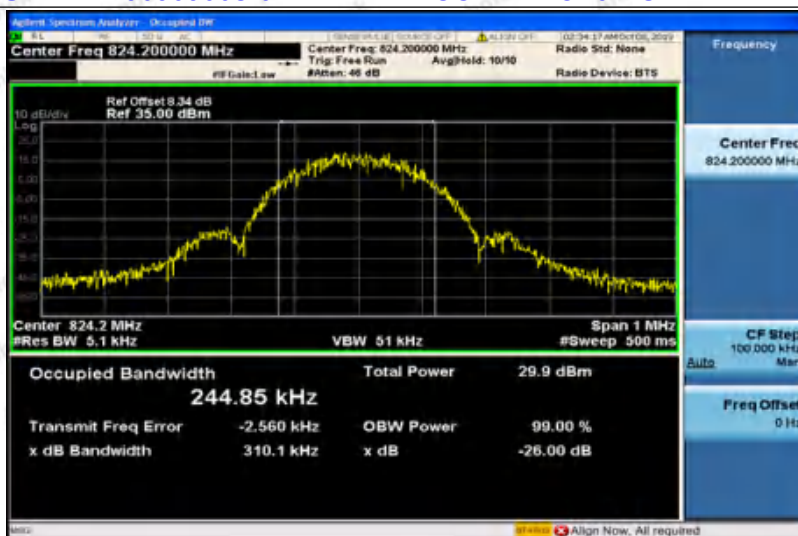
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com



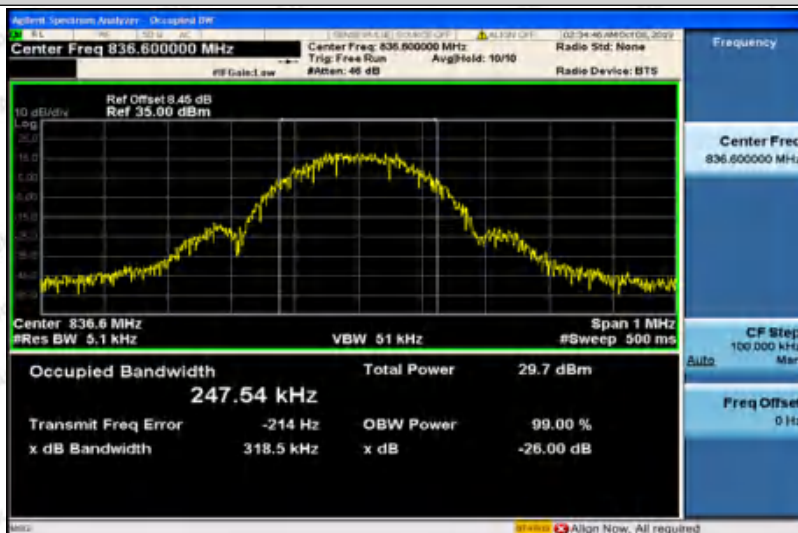
Hotline

400-003-0500

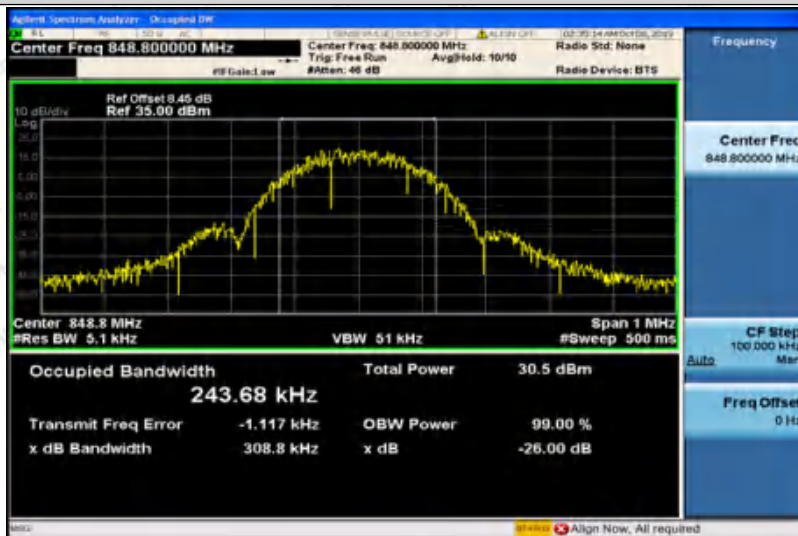
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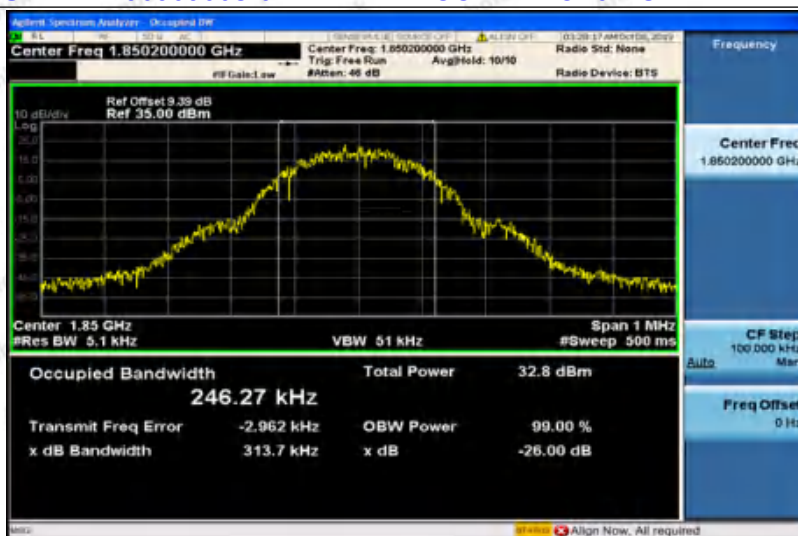
EGPRS850-128



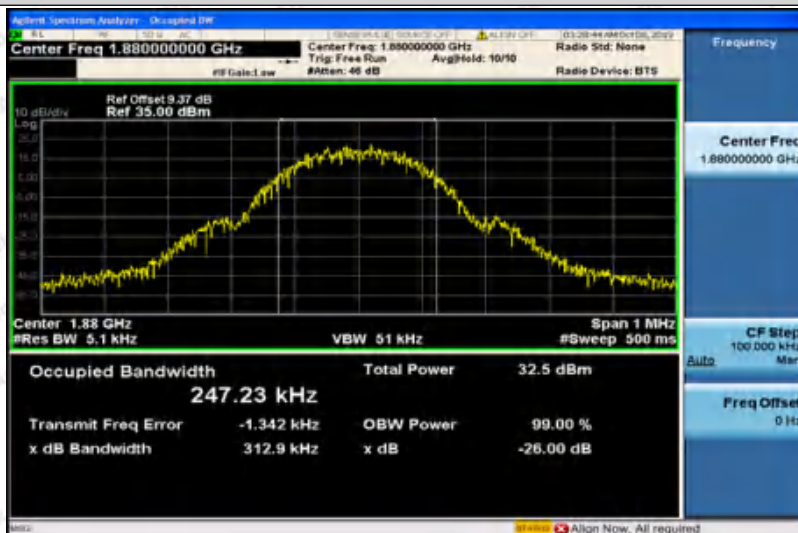
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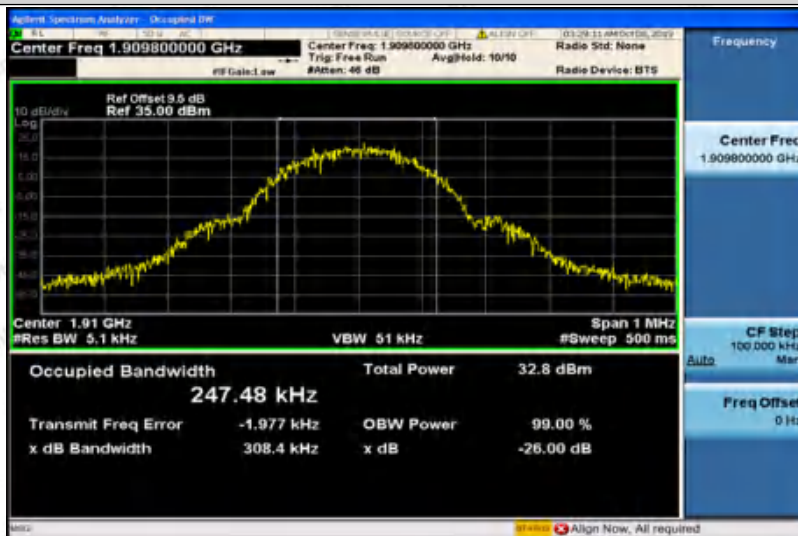
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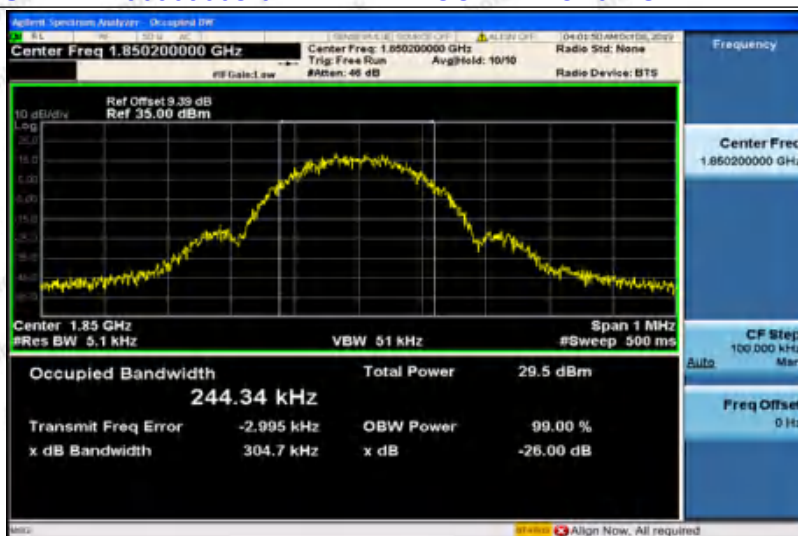
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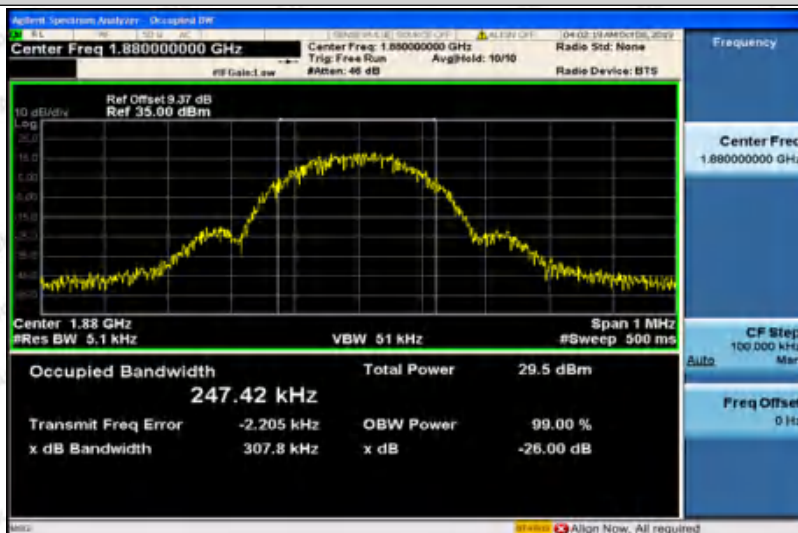
GPRS1900-661



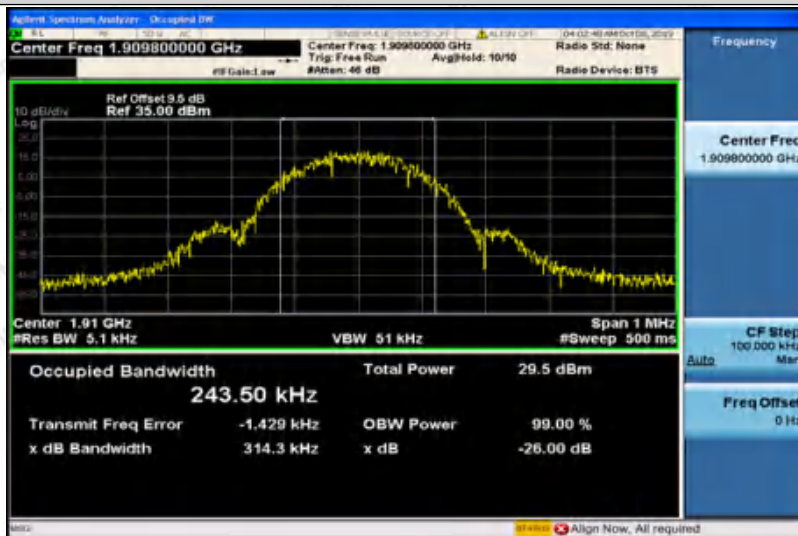
GPRS1900-810



EGPRS1900-512



EGPRS1900-661



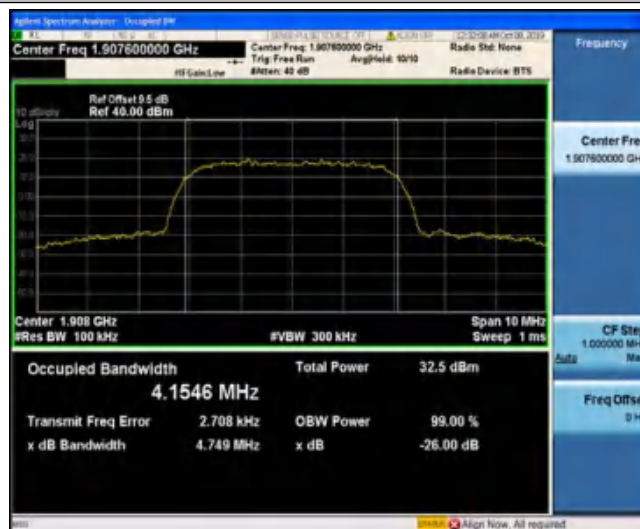
EGPRS1900-810



Band II_9262



Band II_9400



Band II_9538

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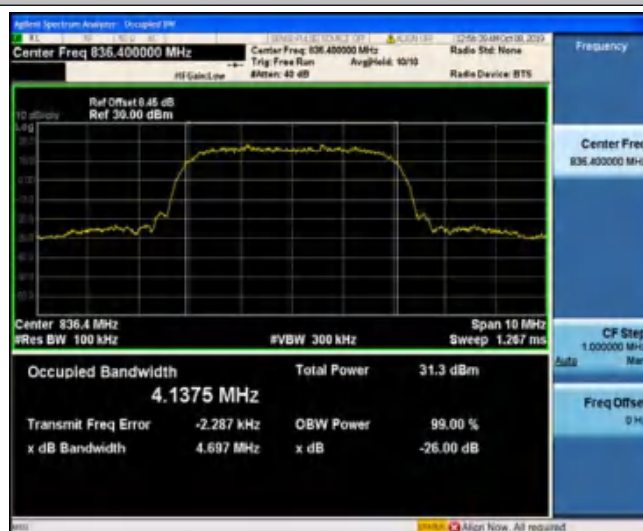
Hotline

400-003-0500

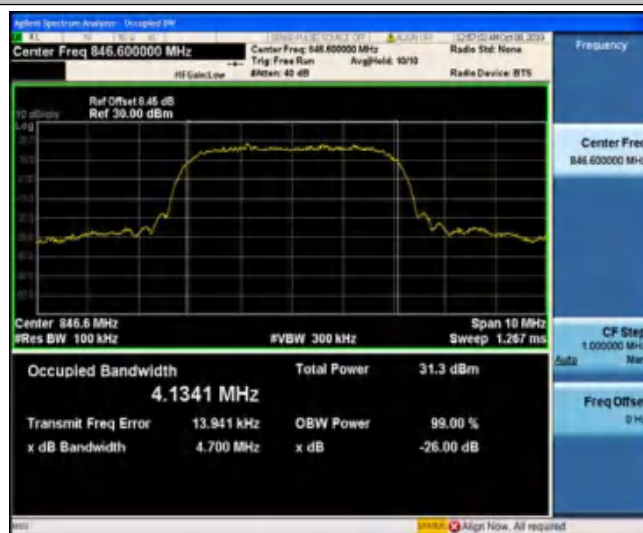
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Band V_4132

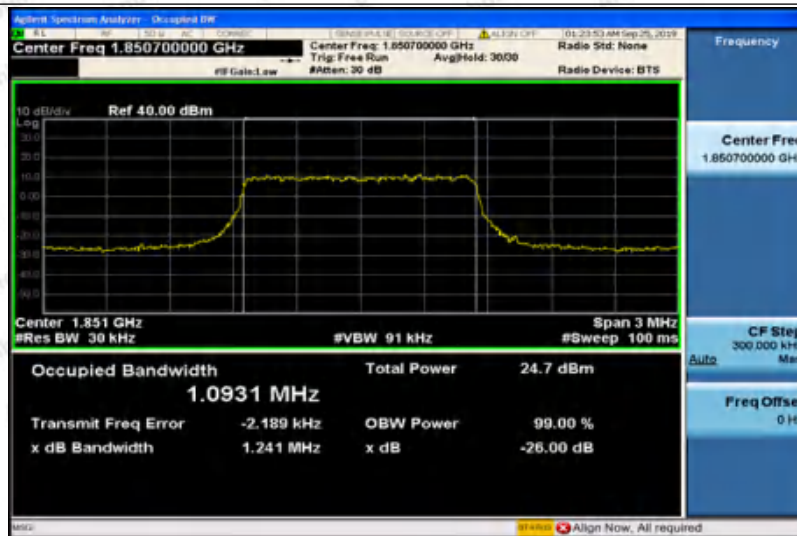


Band V 4182

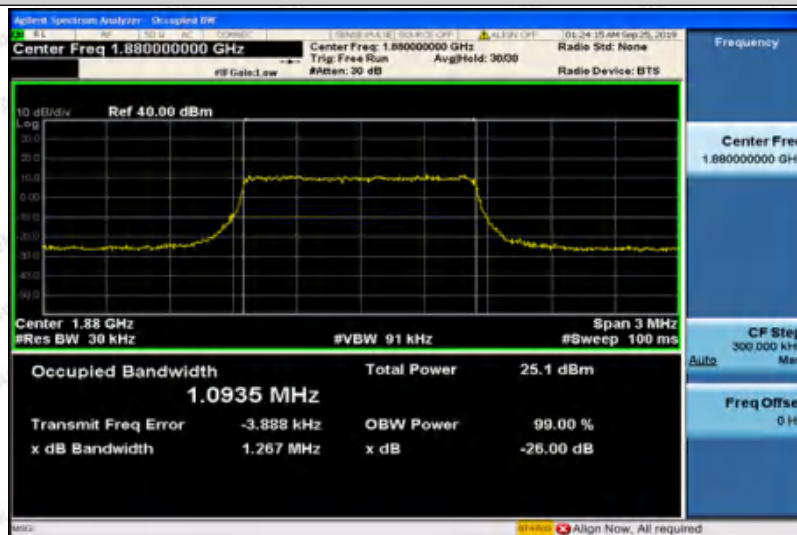


Band V_4233

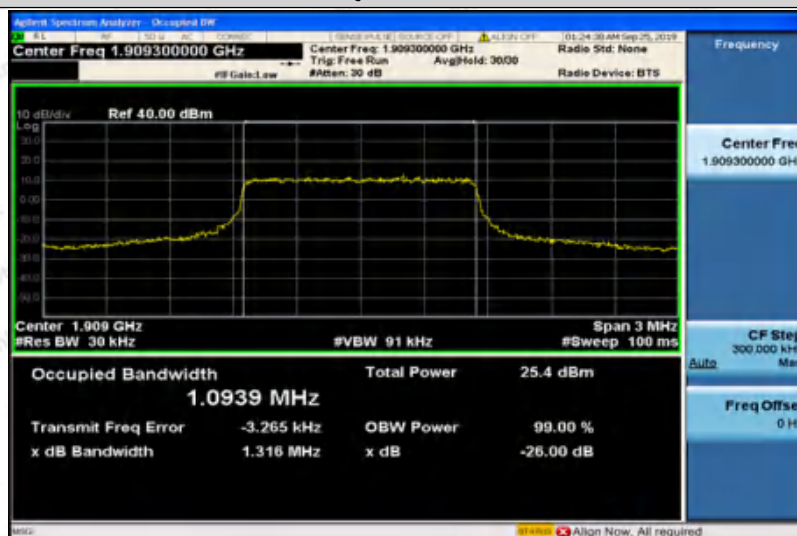
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Band2-1.4MHz-QPSK-18900-6RB#0-1.0935



Band2-1.4MHz-QPSK-19193-6RB#0-1.0939



Band2-1.4MHz-16QAM-18607-6RB#0-1.0911

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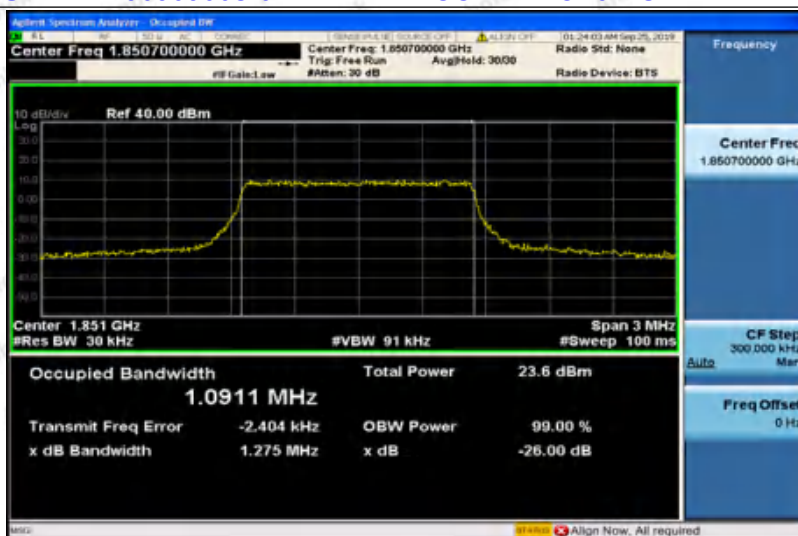
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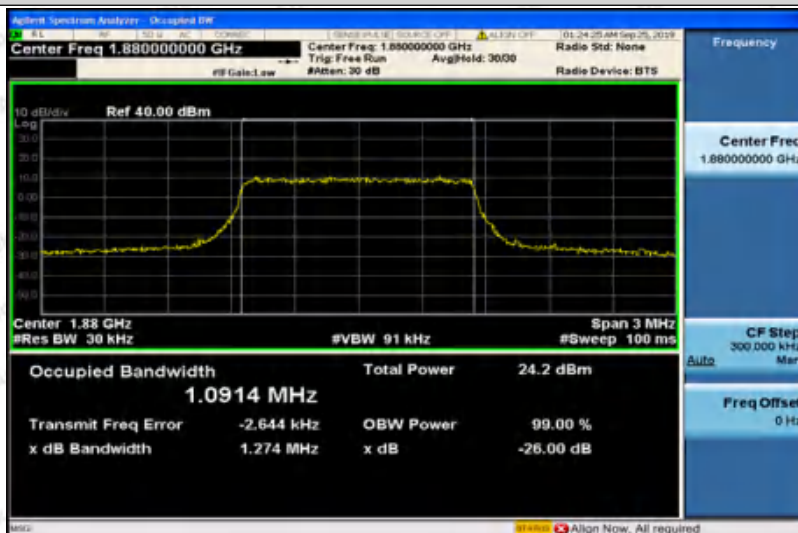
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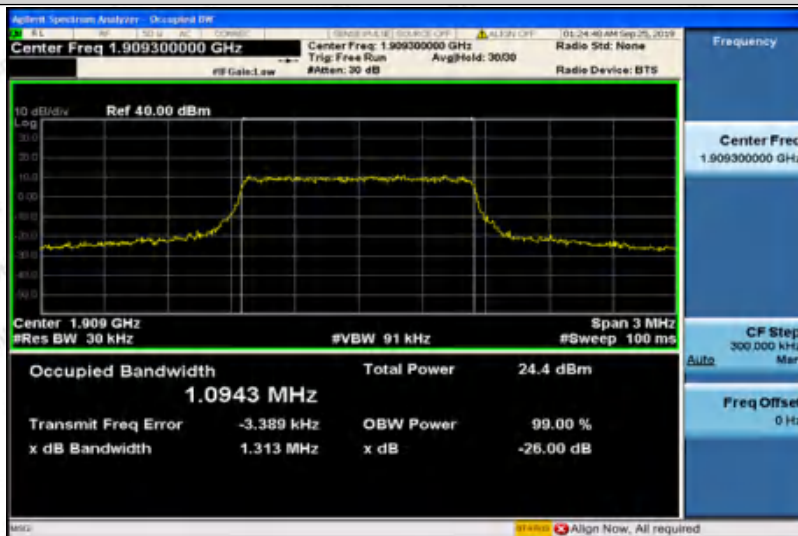
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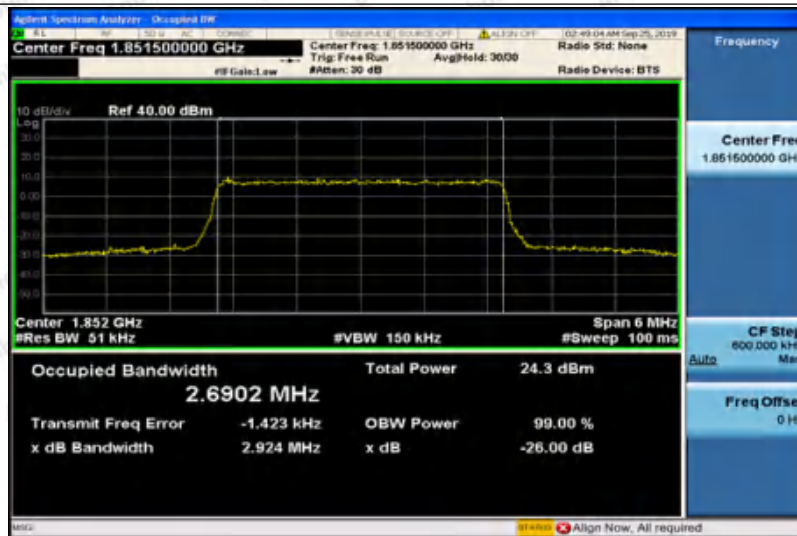
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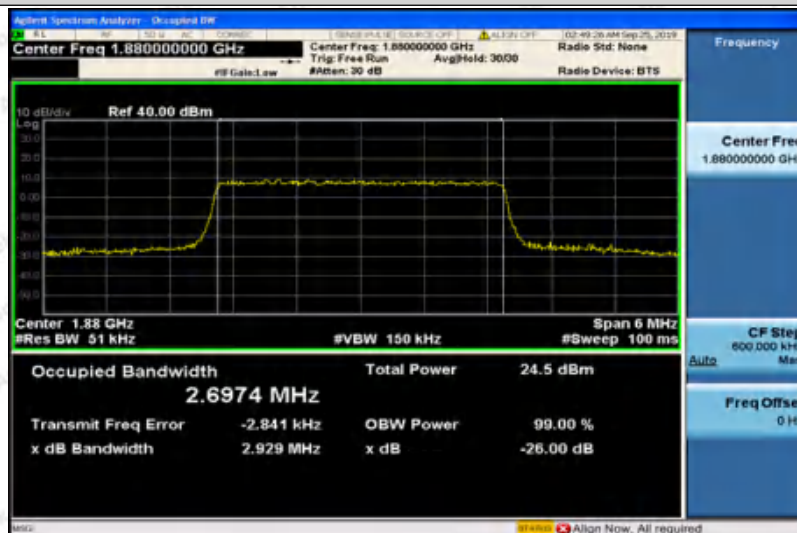
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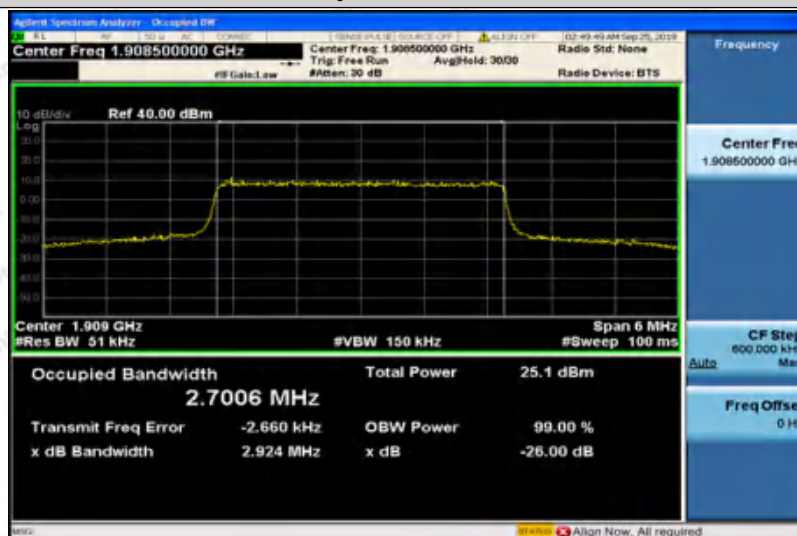
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Band2-3MHz-QPSK-19185-15RB#0-2.7006



Band2-3MHz-16QAM-18615-15RB#0-2.6954

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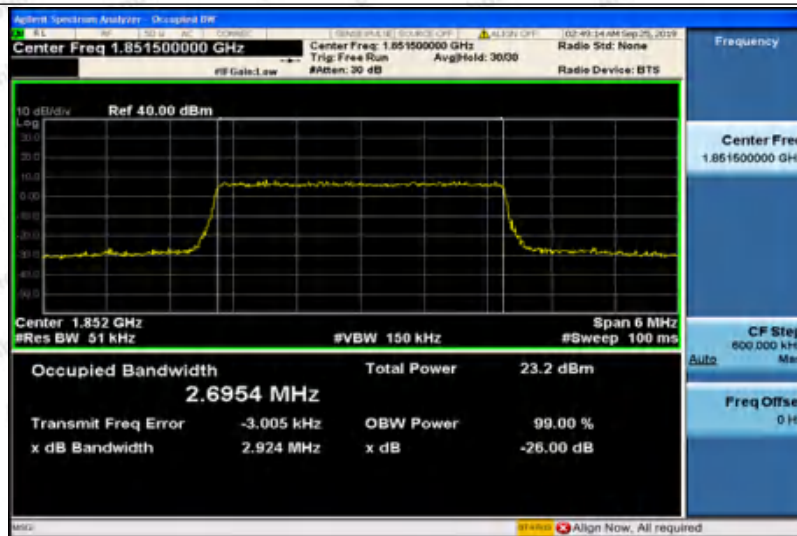
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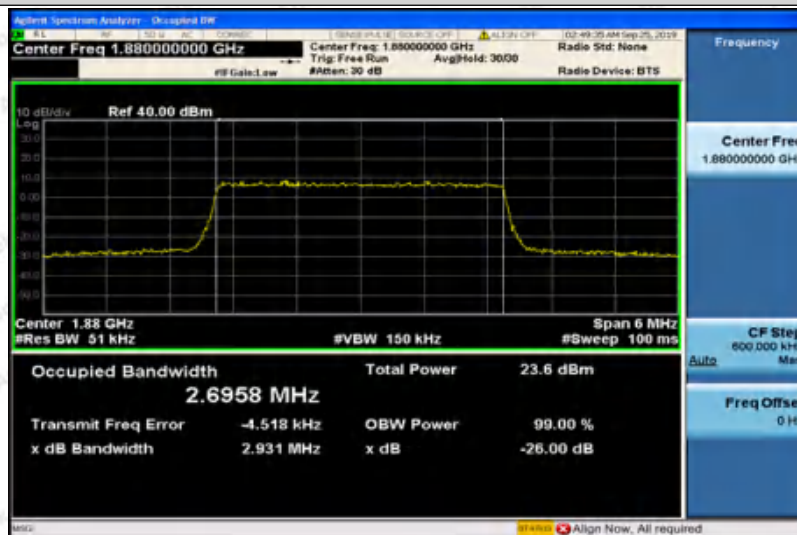
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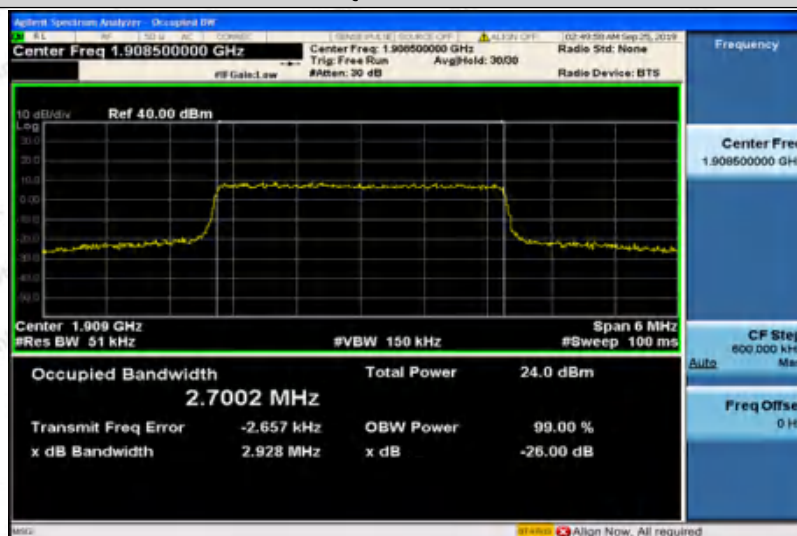
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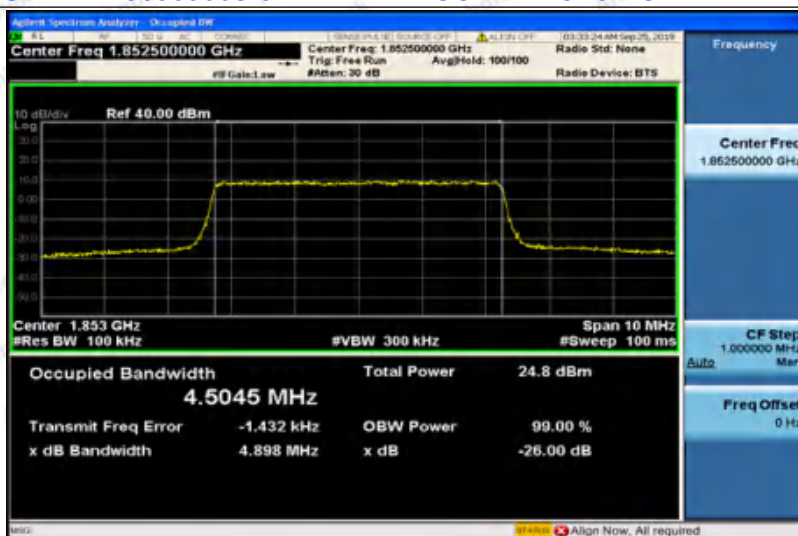
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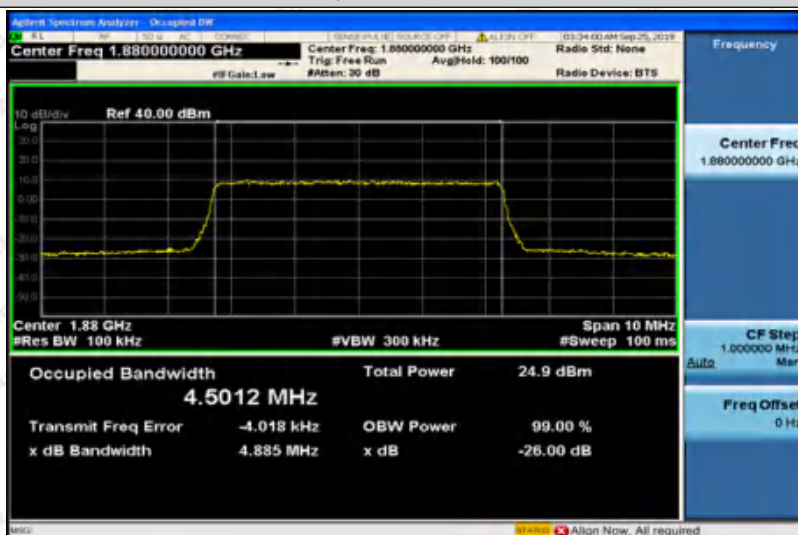
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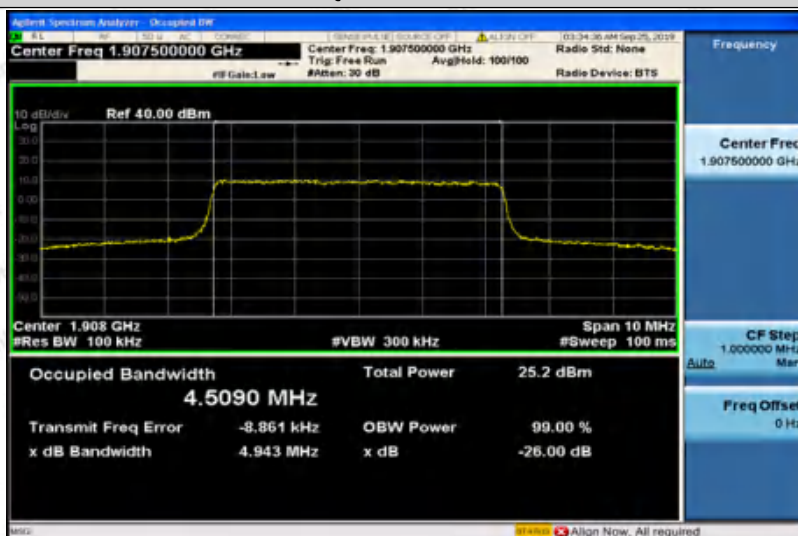
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Band2-5MHz-QPSK-19175-25RB#0-4.5090



Band2-5MHz-16QAM-18625-25RB#0-4.5119

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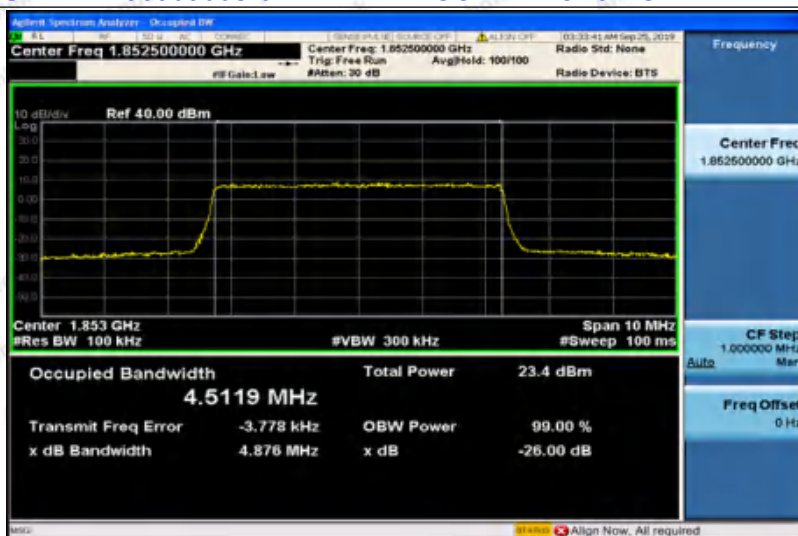
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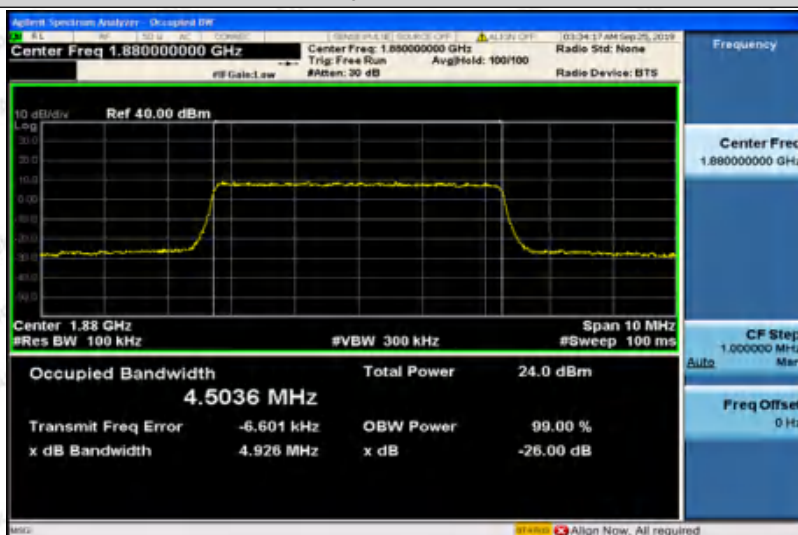
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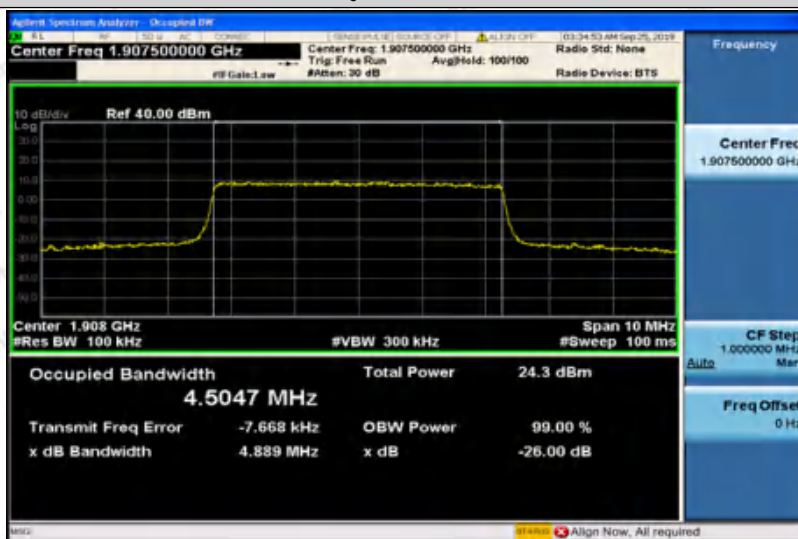
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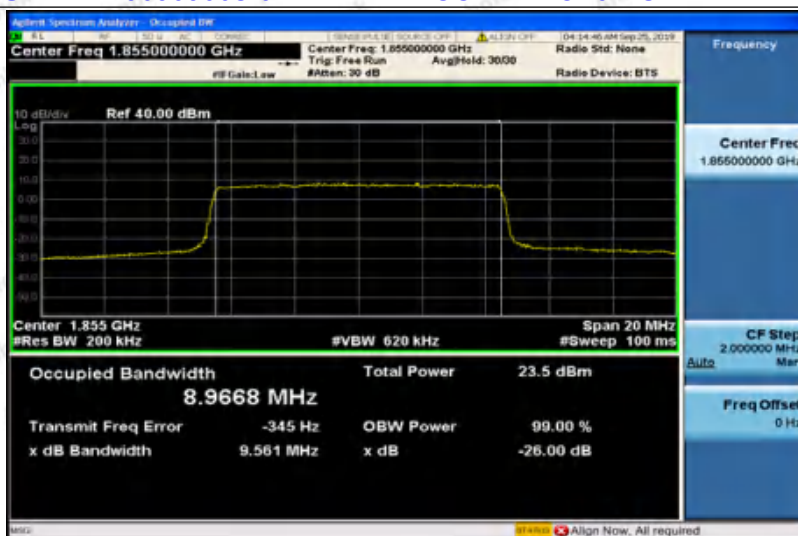
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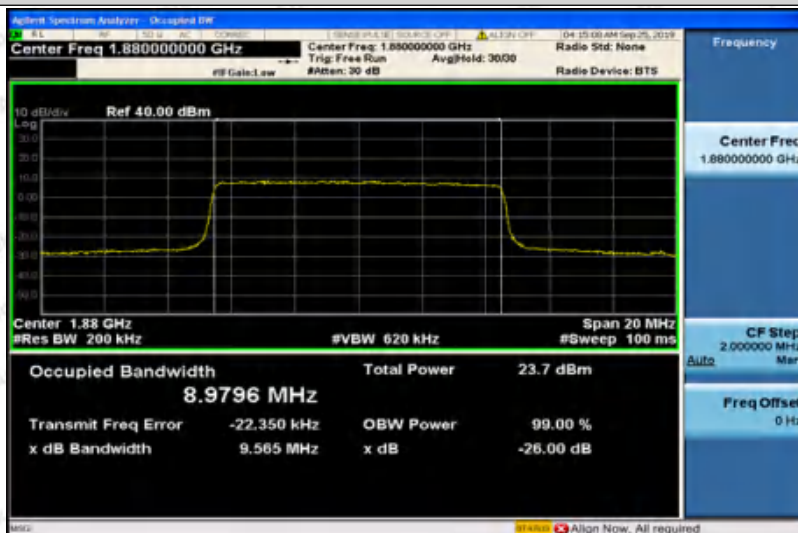
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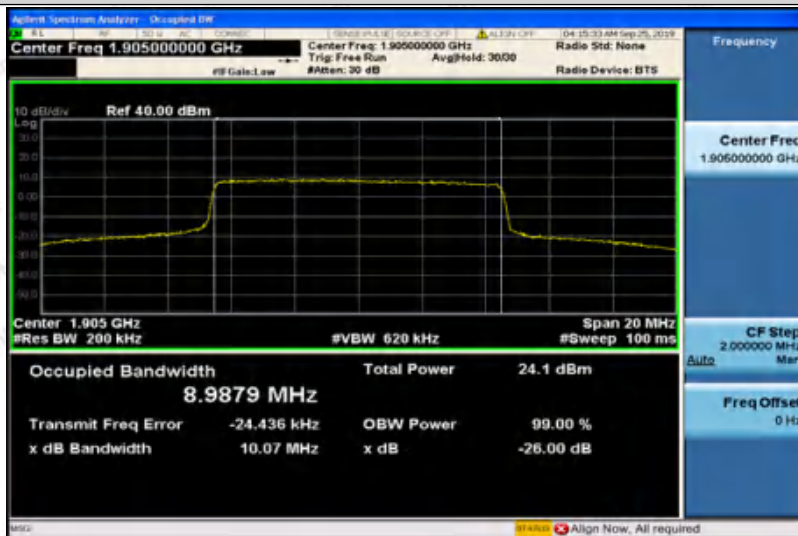
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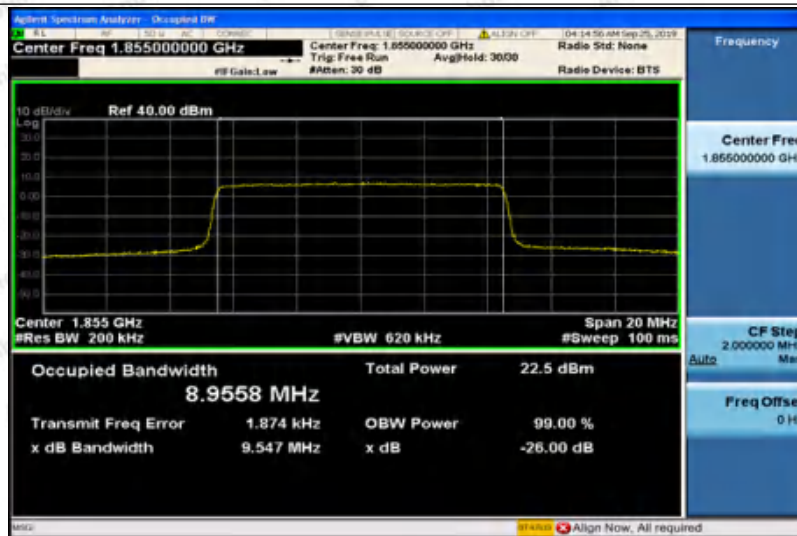
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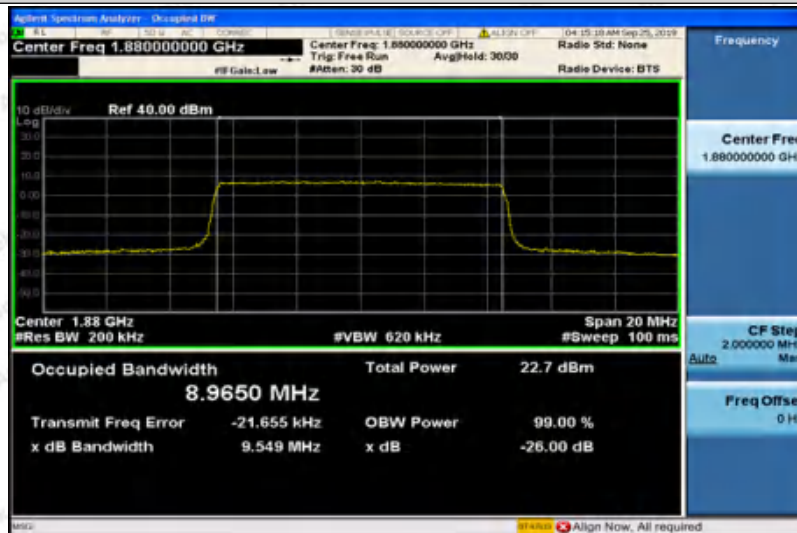
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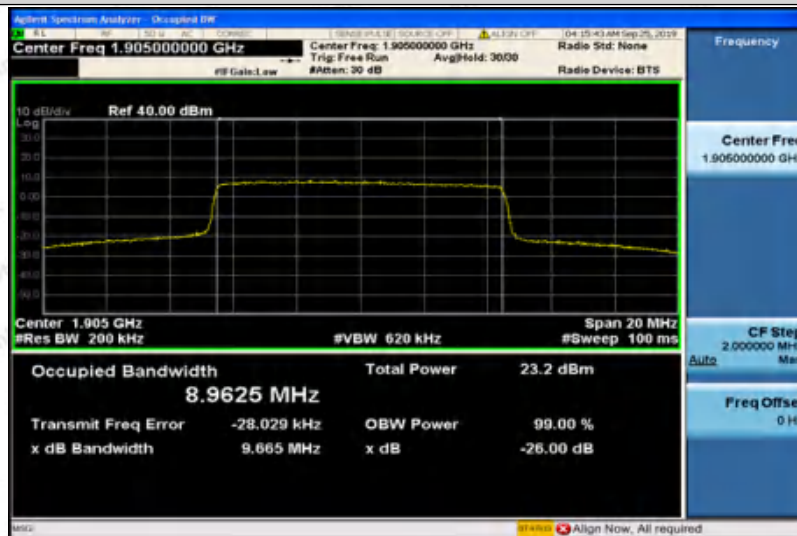
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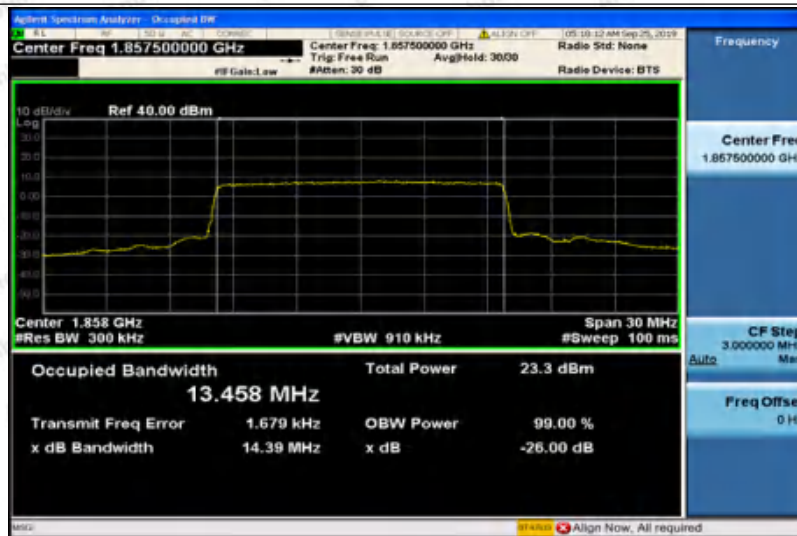
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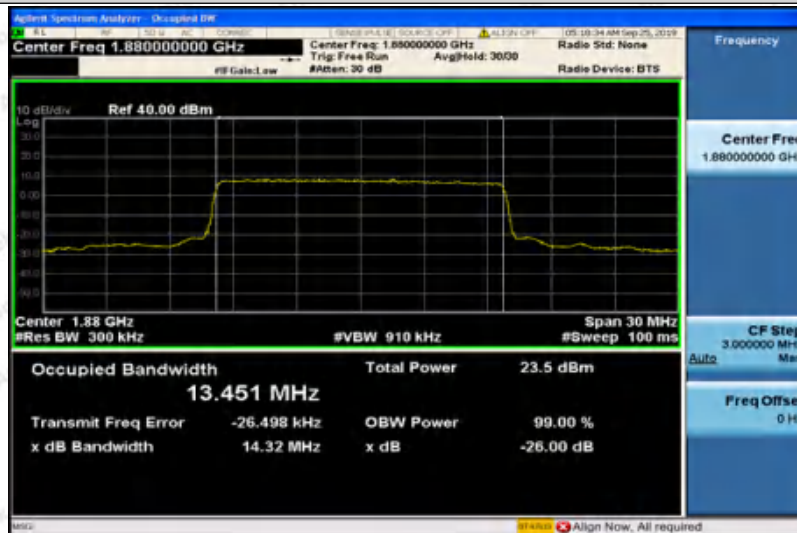
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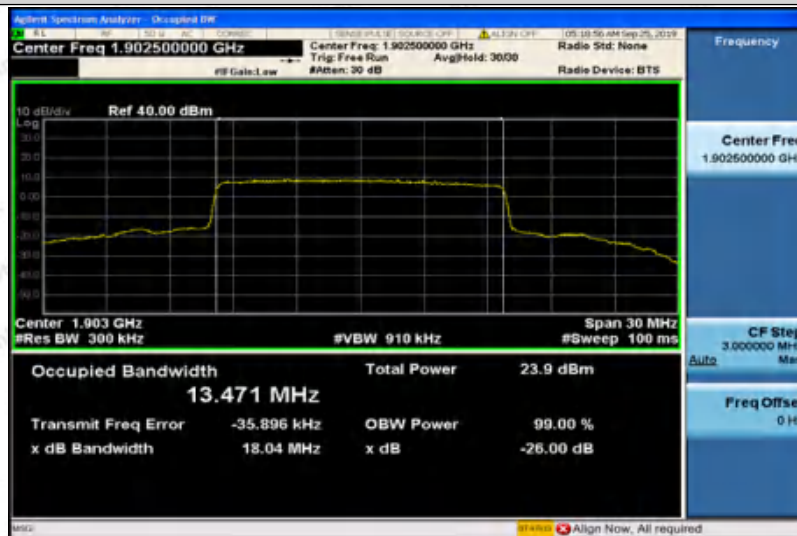
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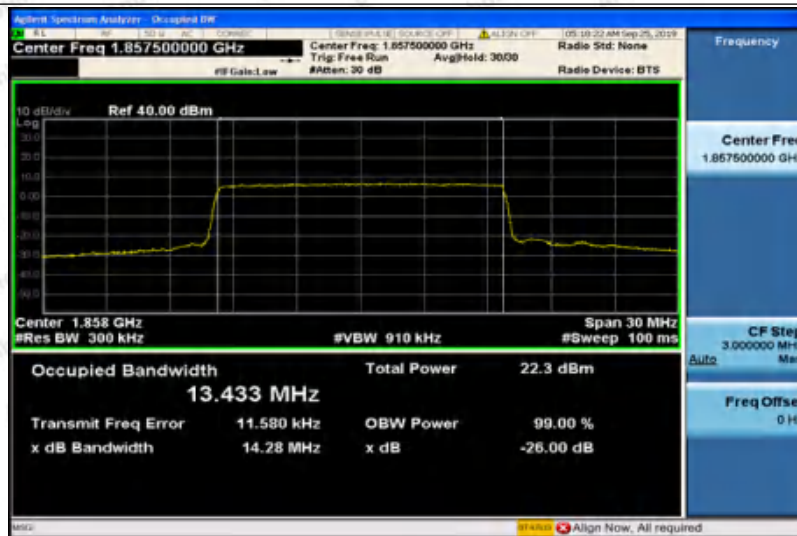
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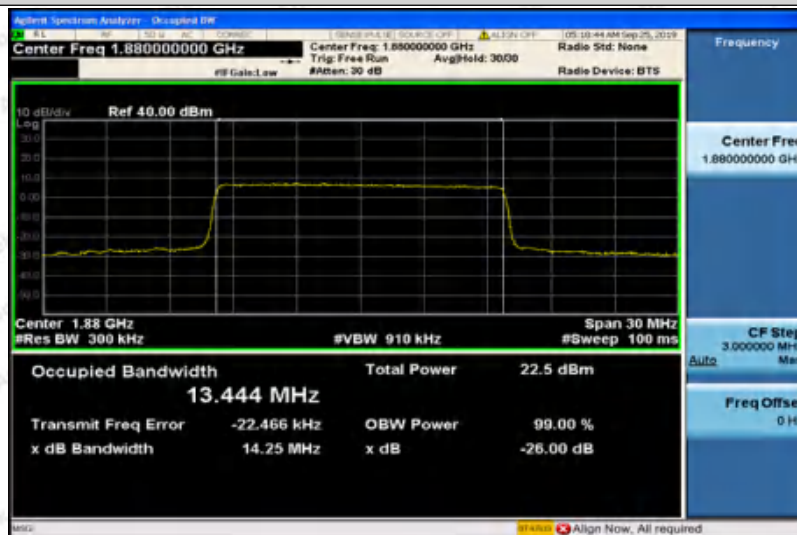
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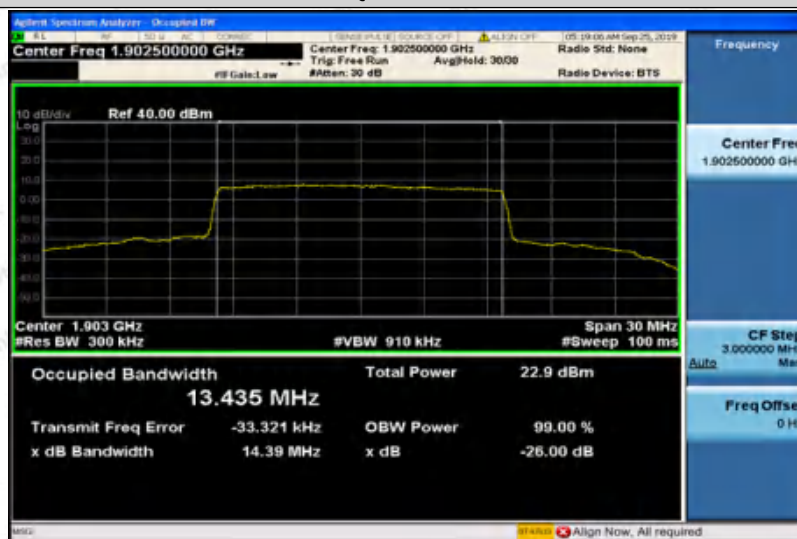
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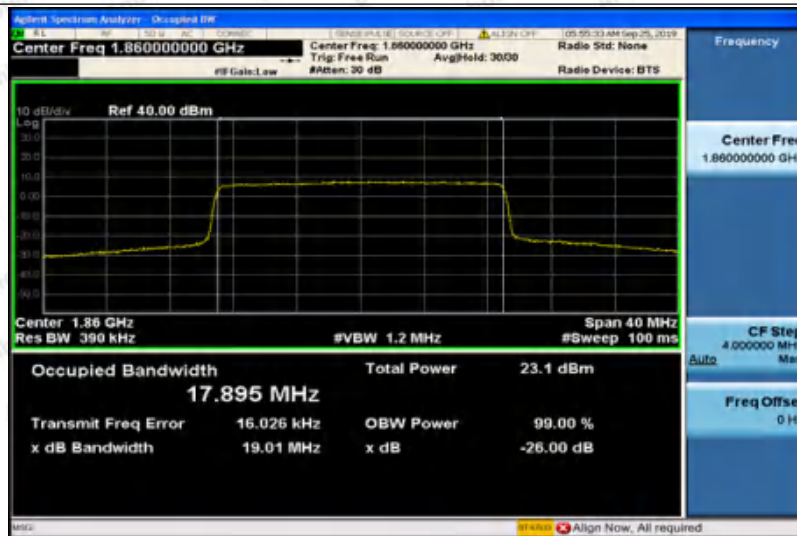
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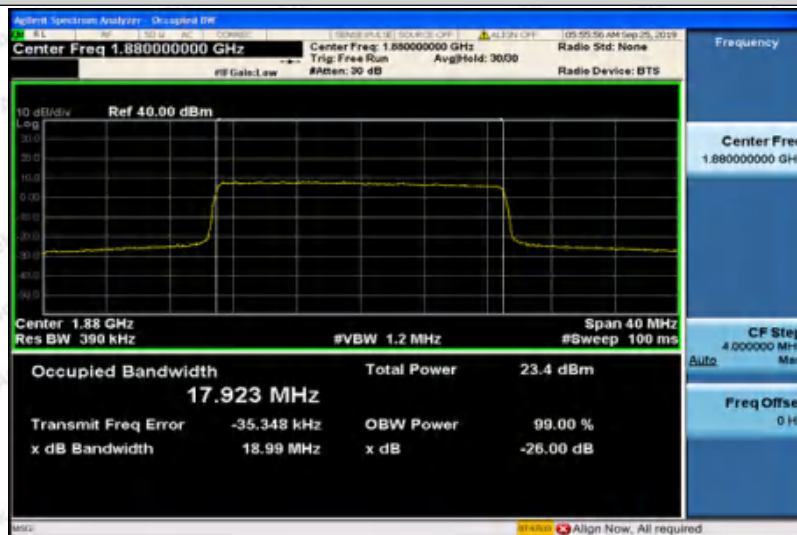
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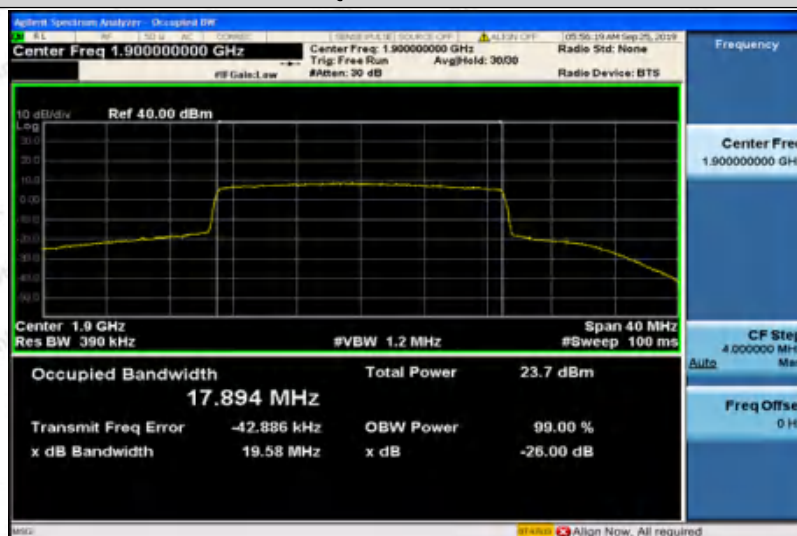
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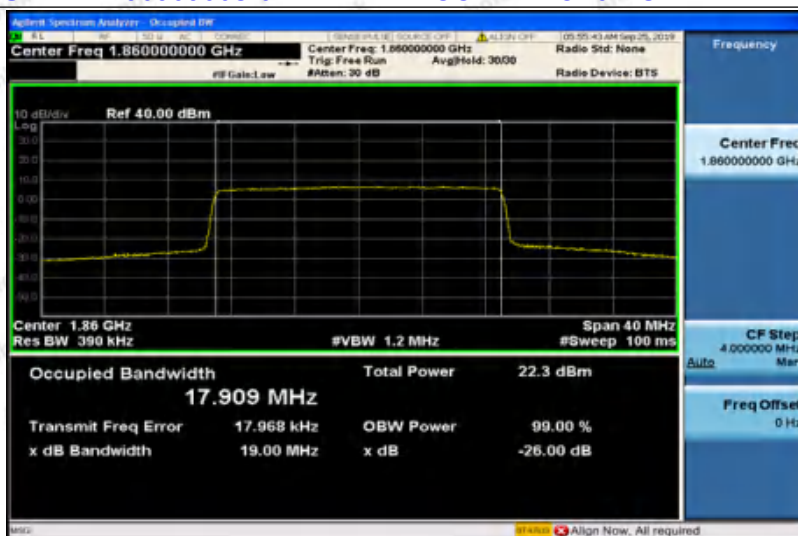
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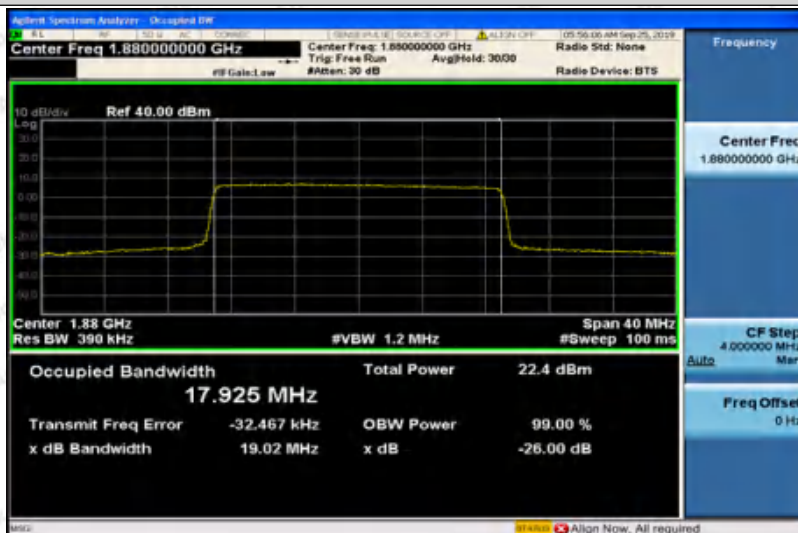
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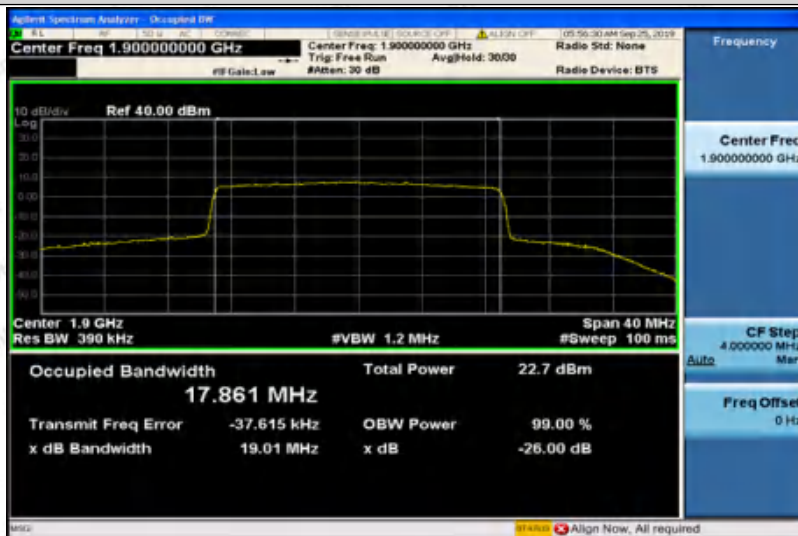
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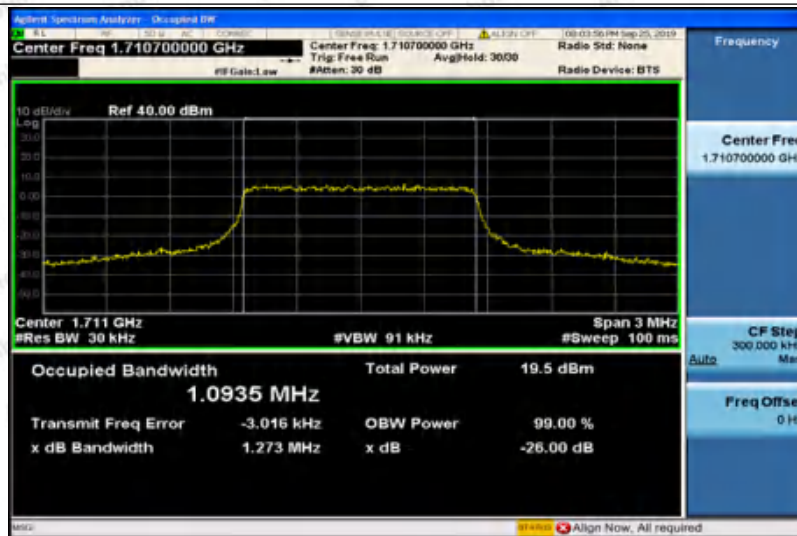
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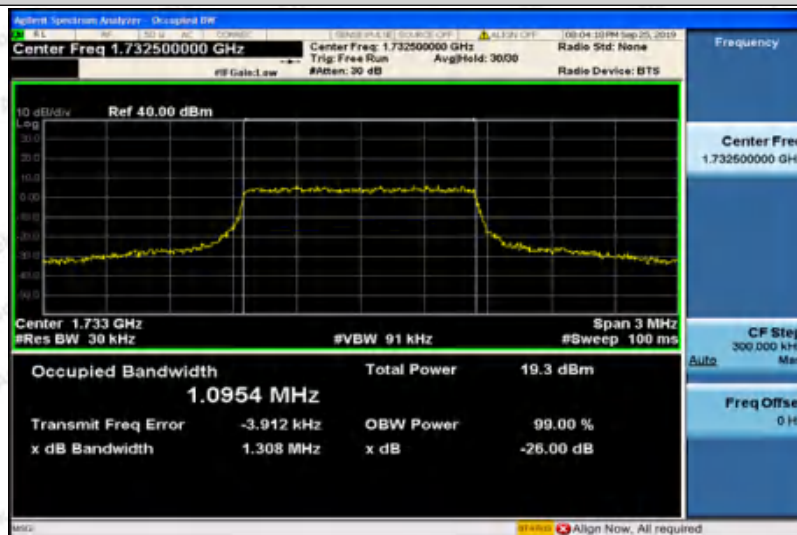
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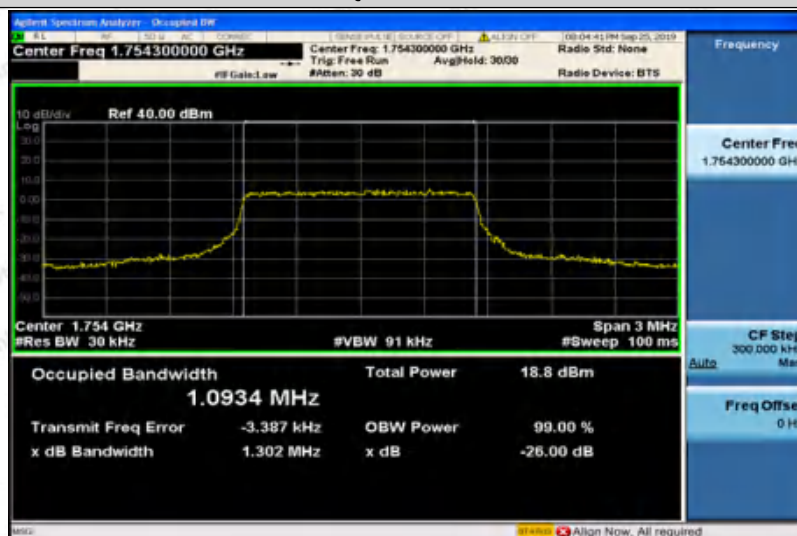
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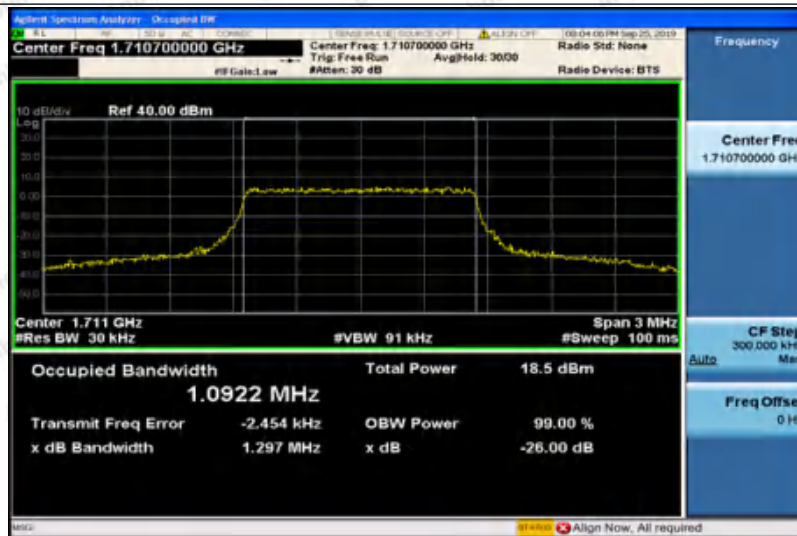
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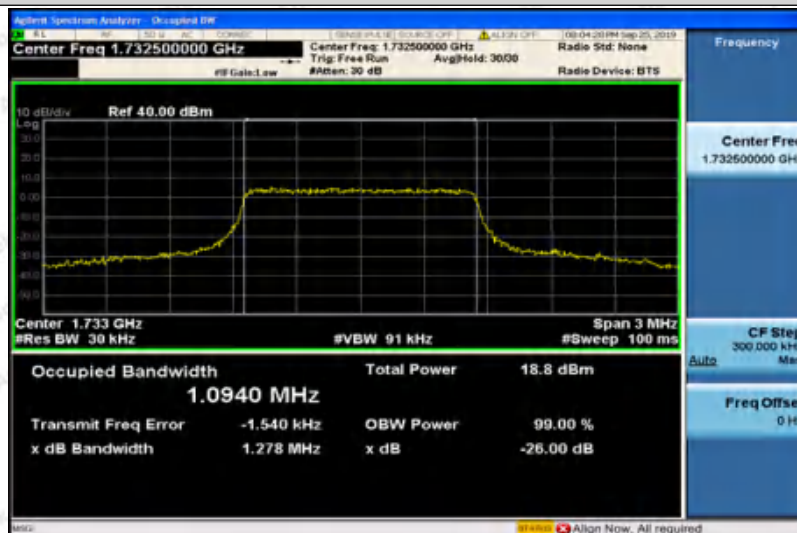
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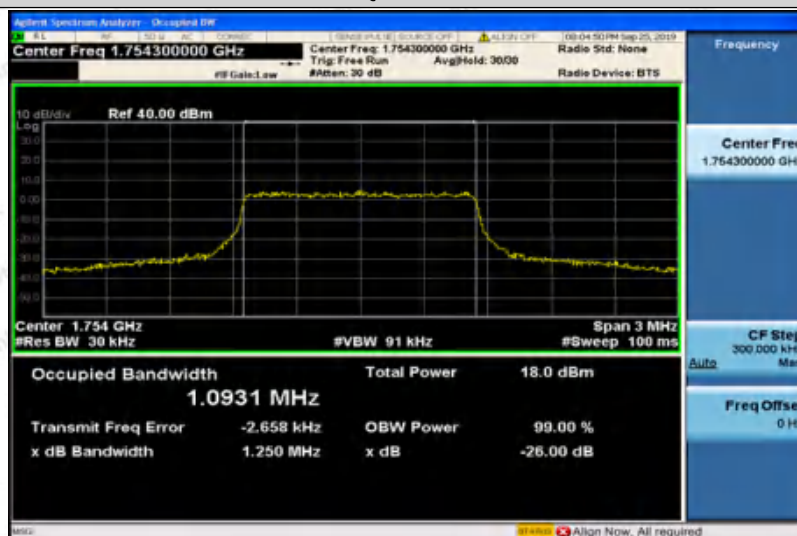
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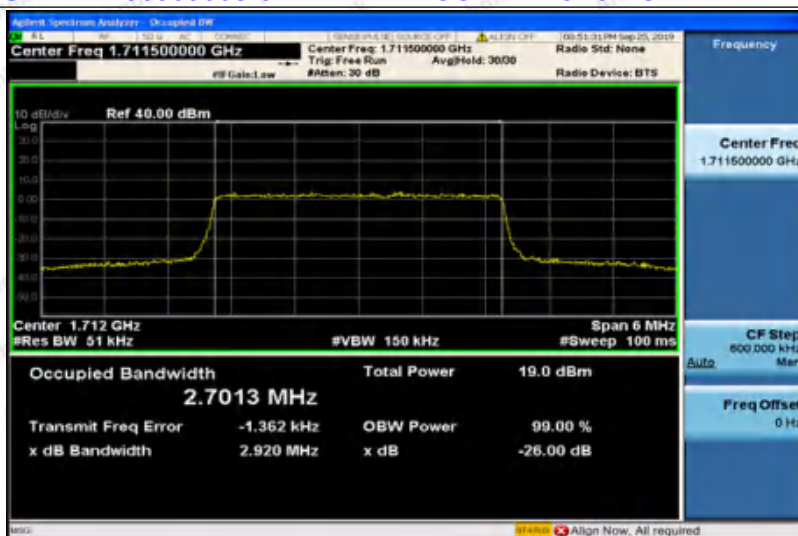
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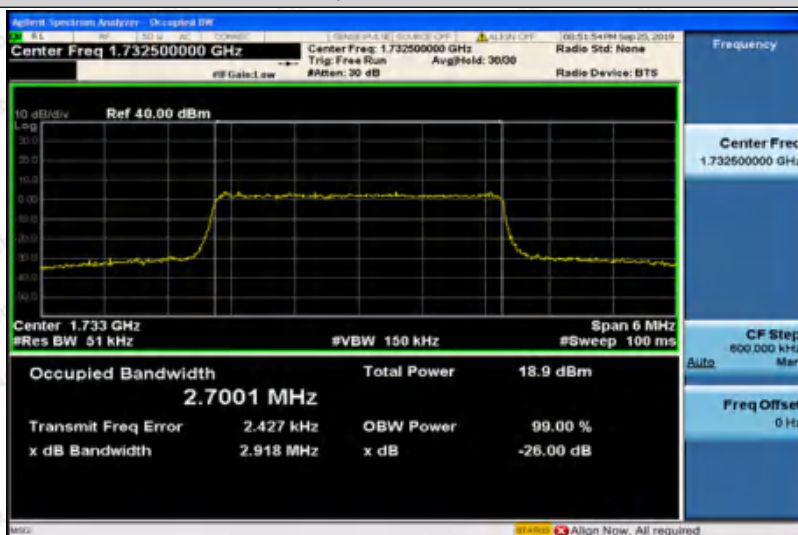
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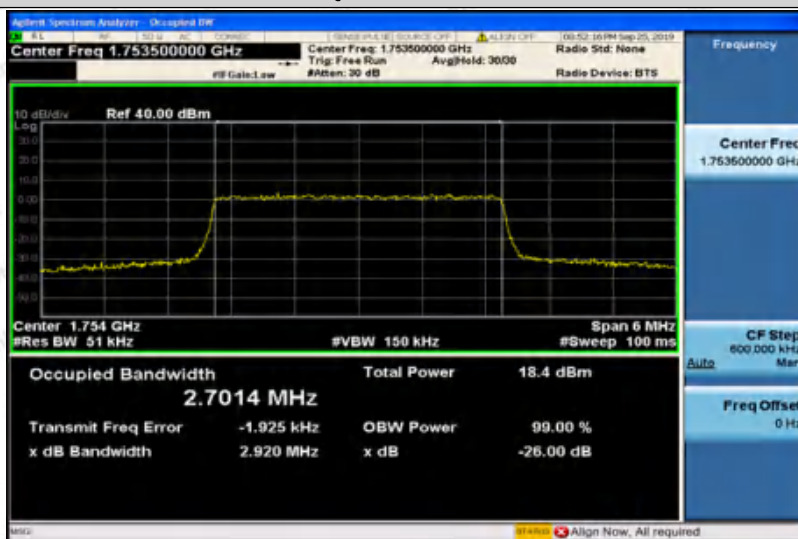
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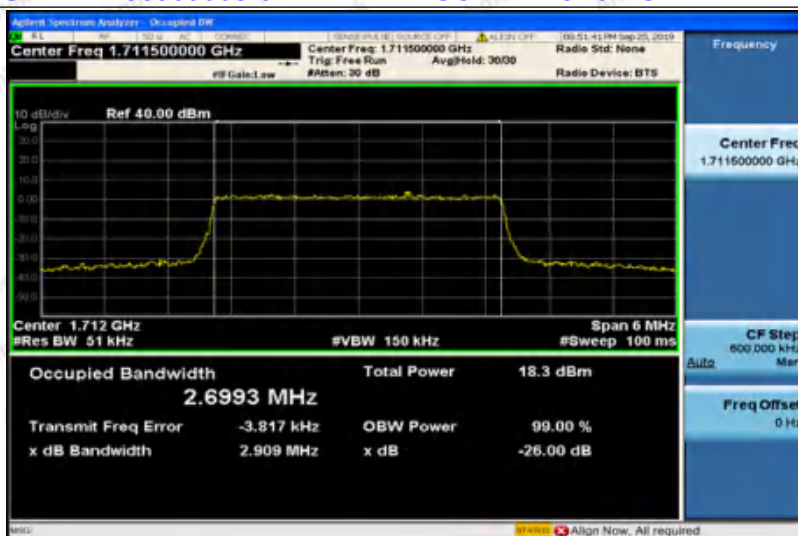
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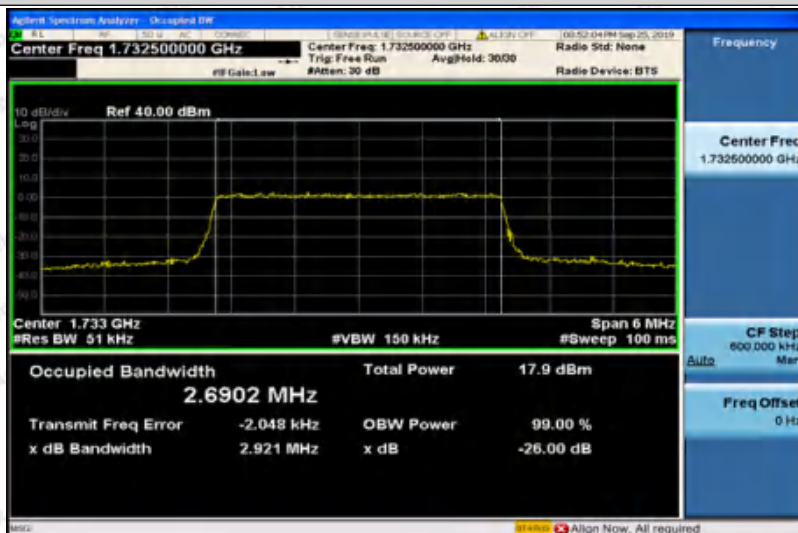
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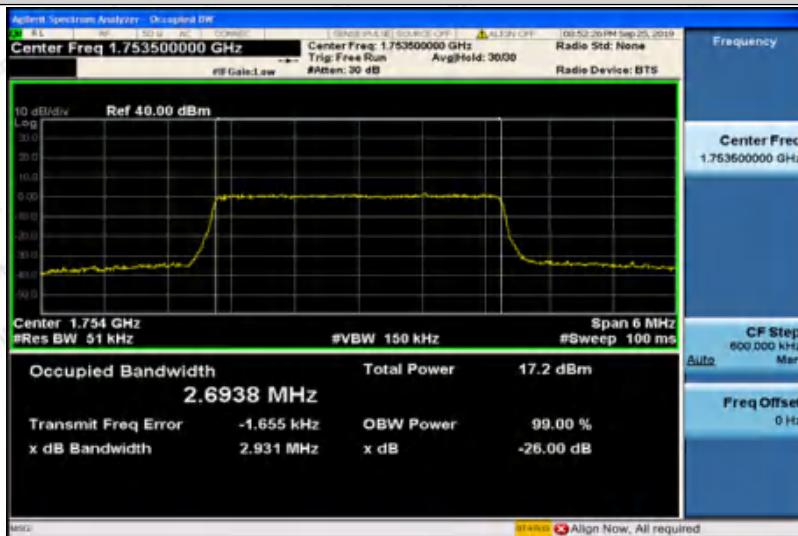
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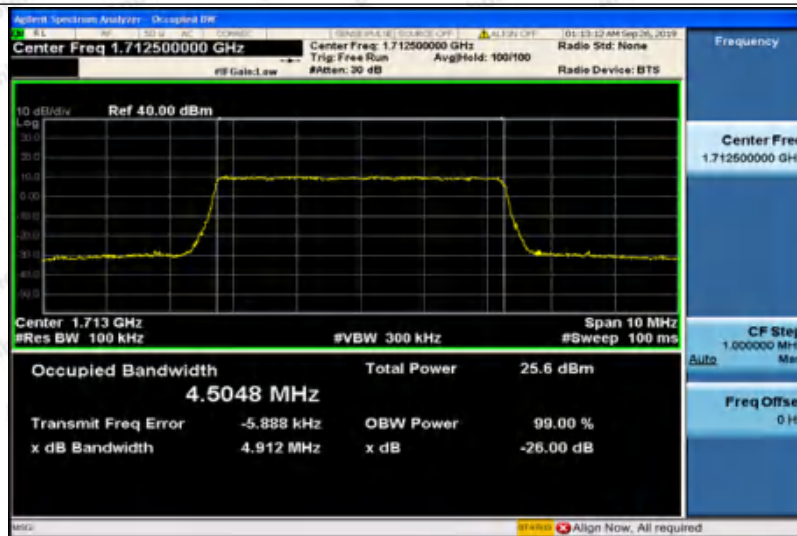
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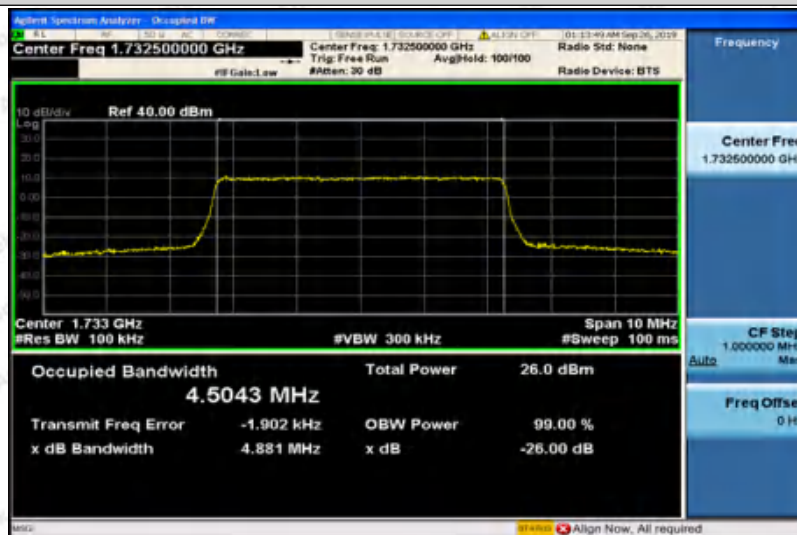
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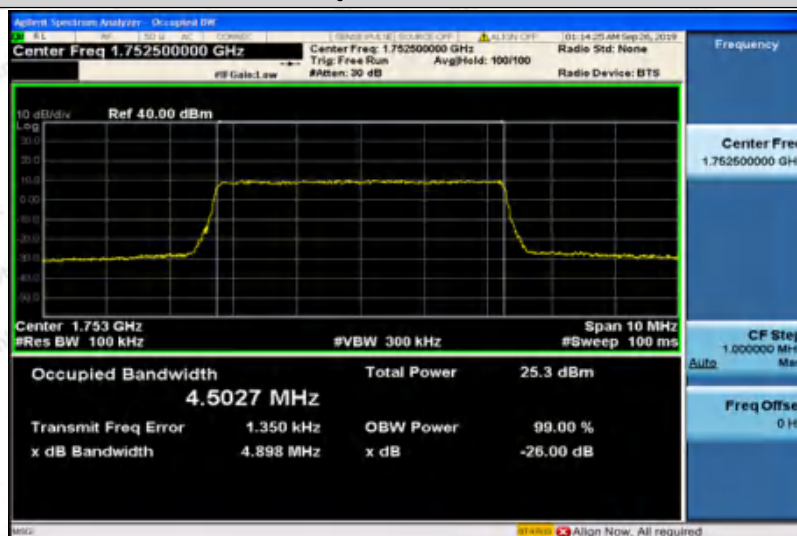
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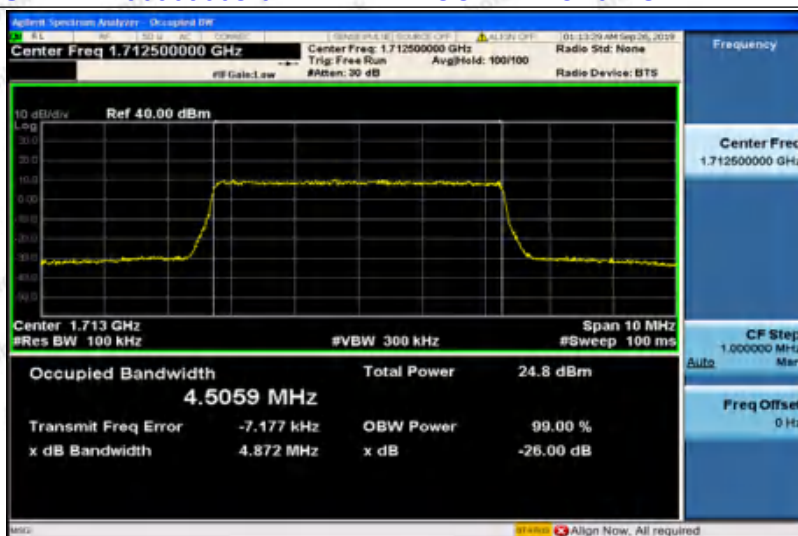
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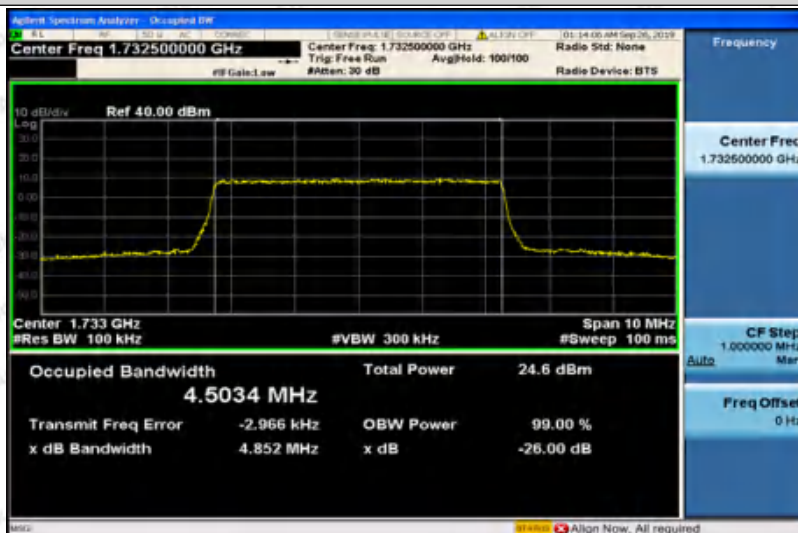
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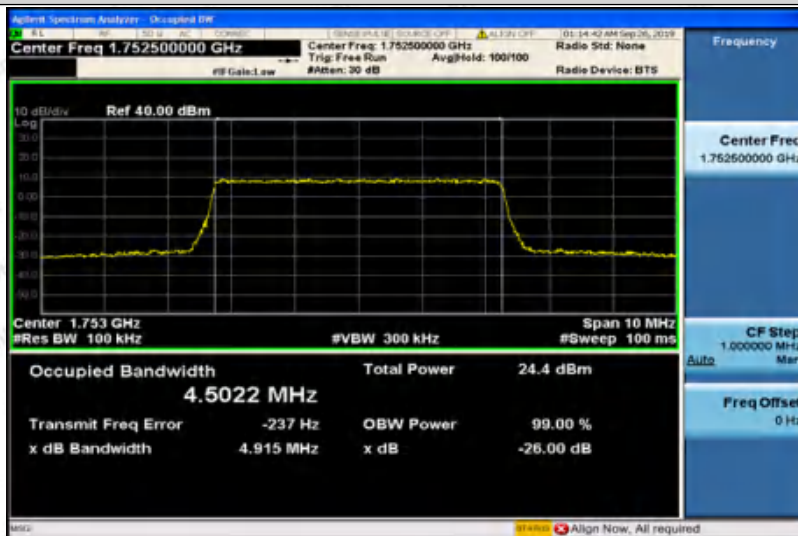
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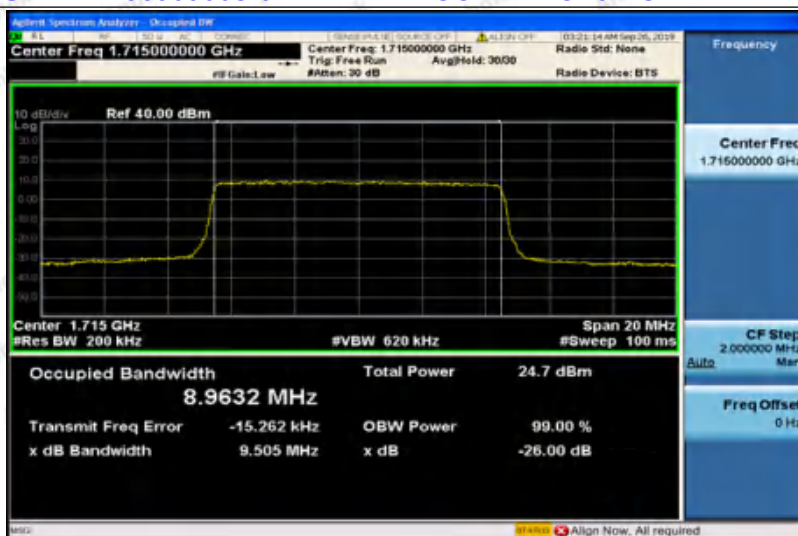
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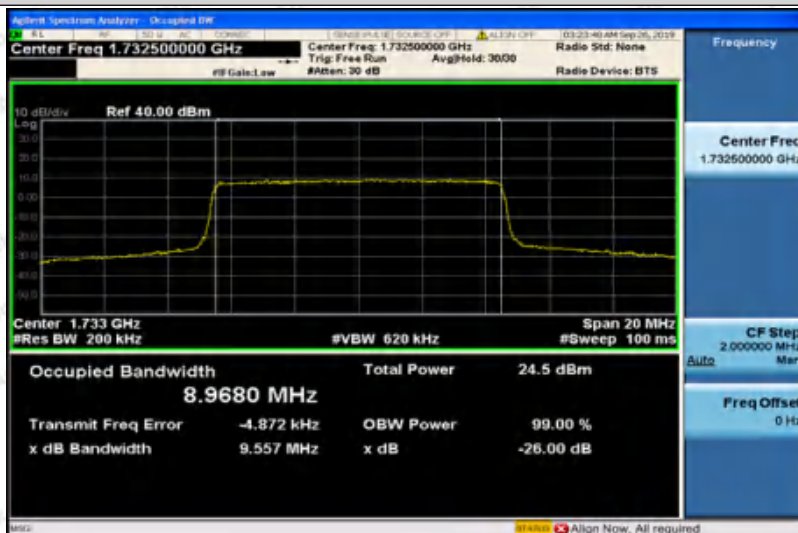
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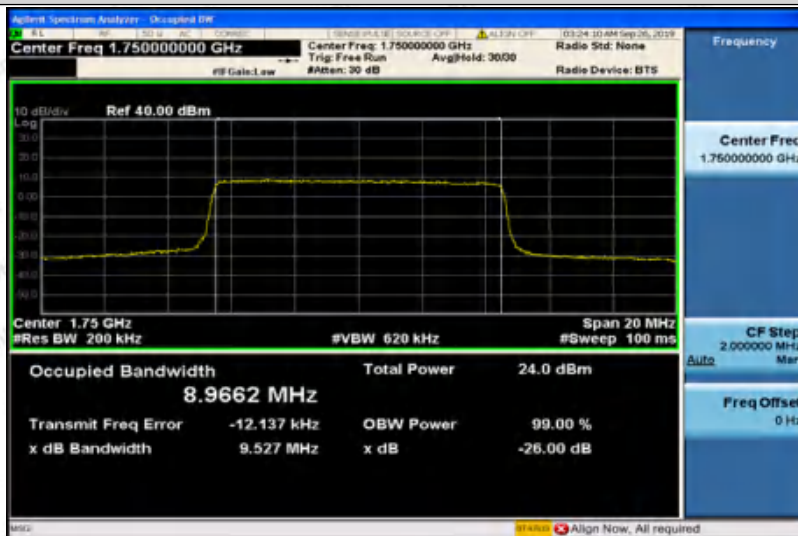
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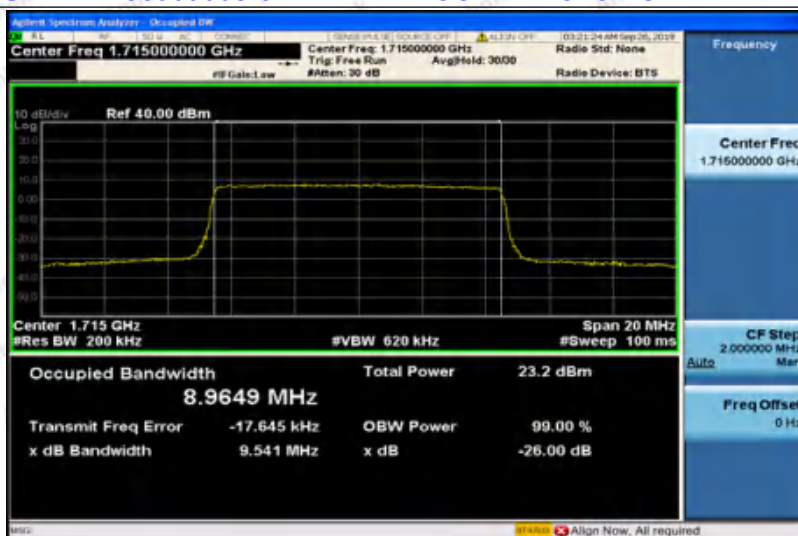
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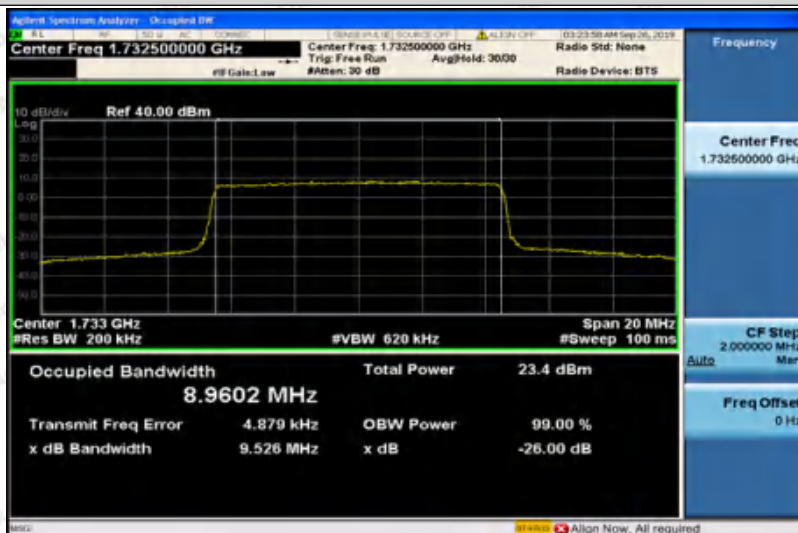
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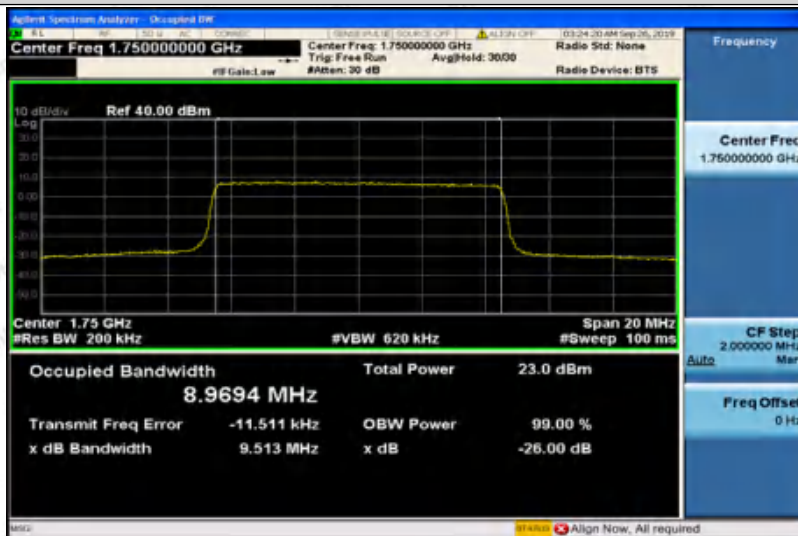
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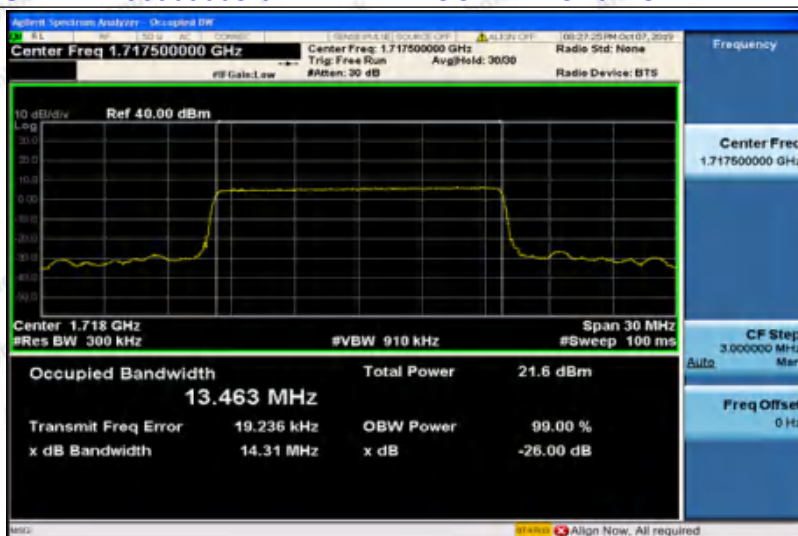
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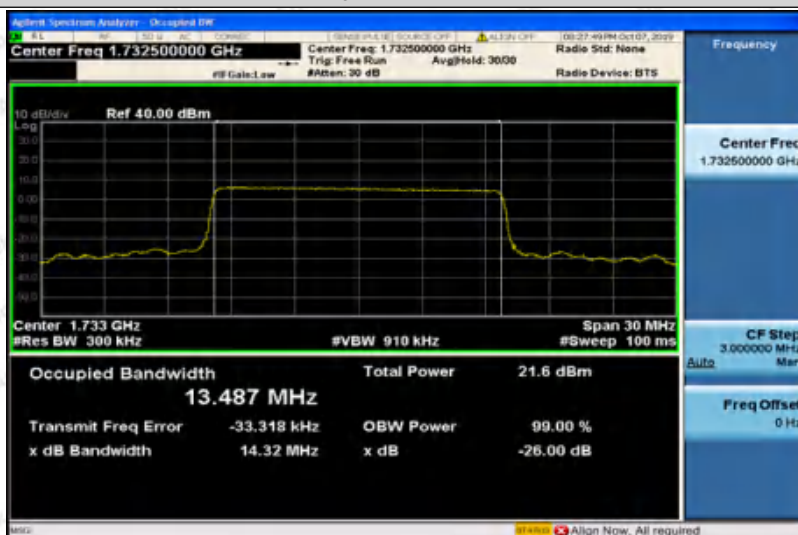
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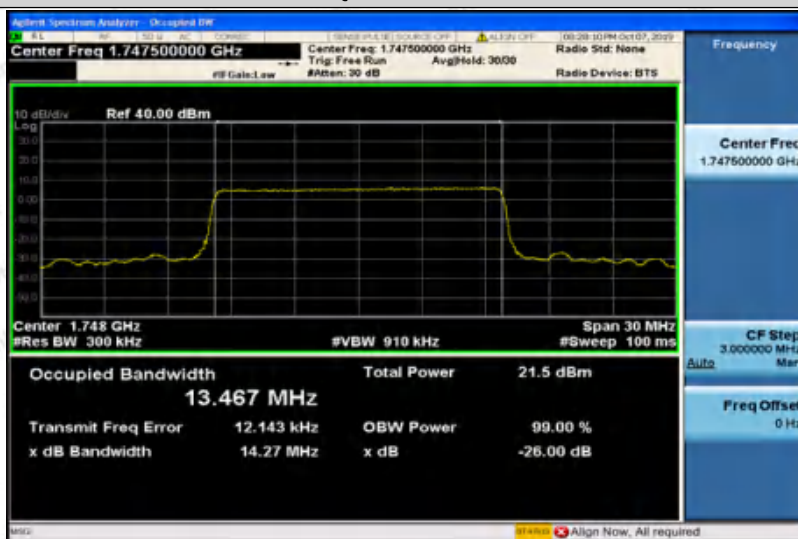
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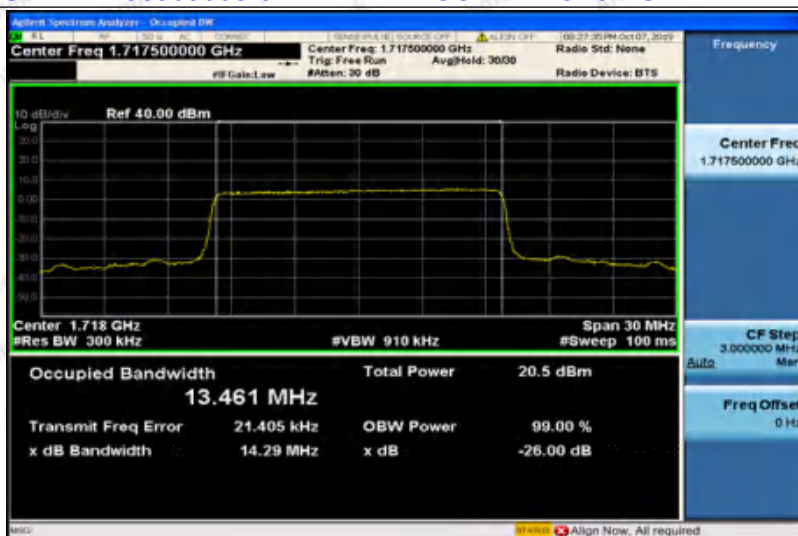
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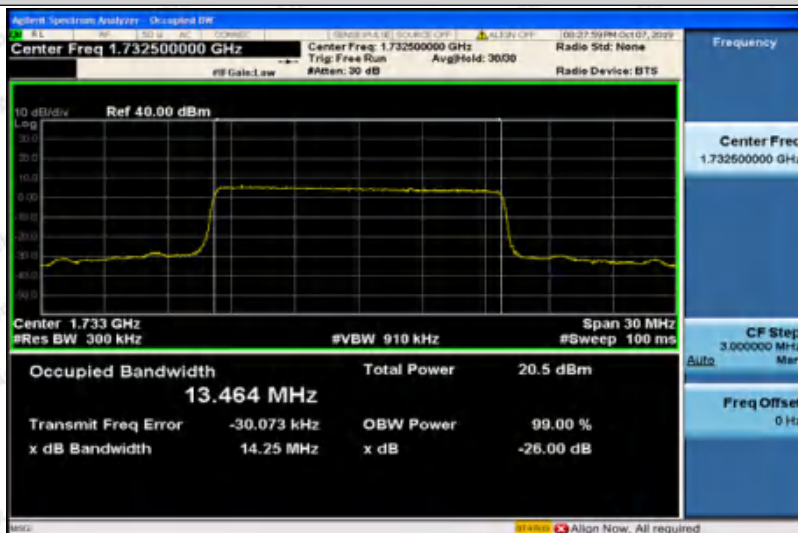
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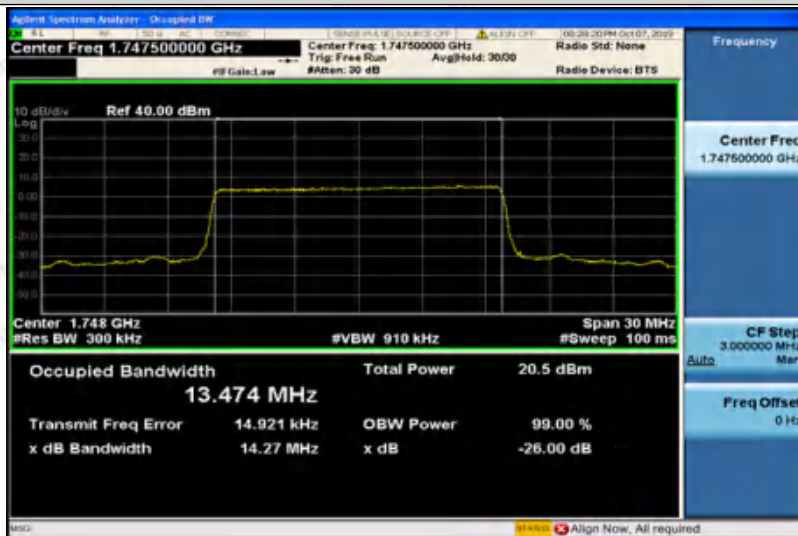
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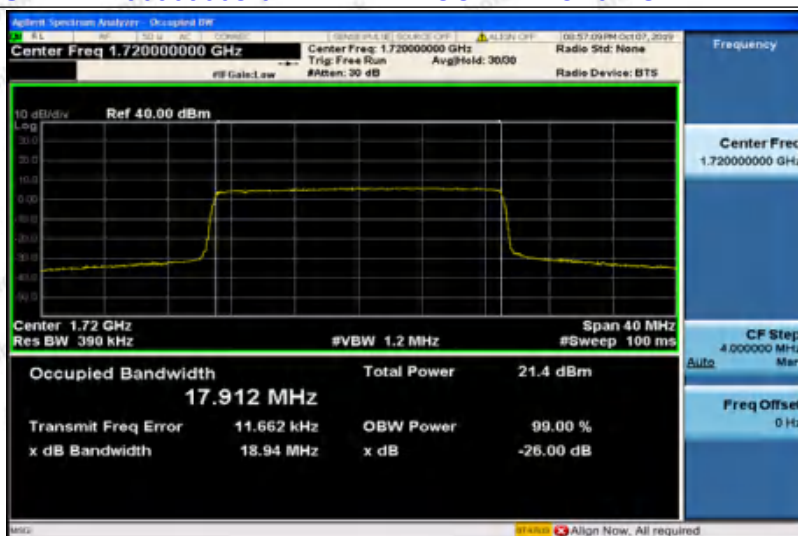
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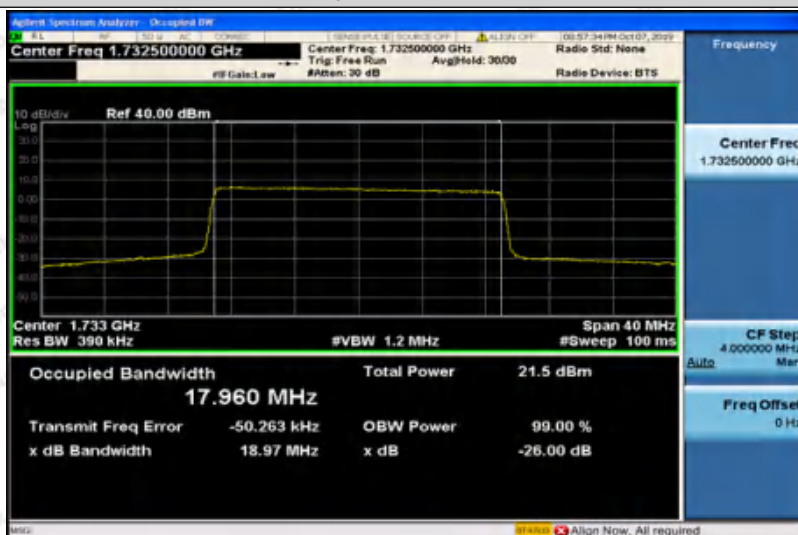
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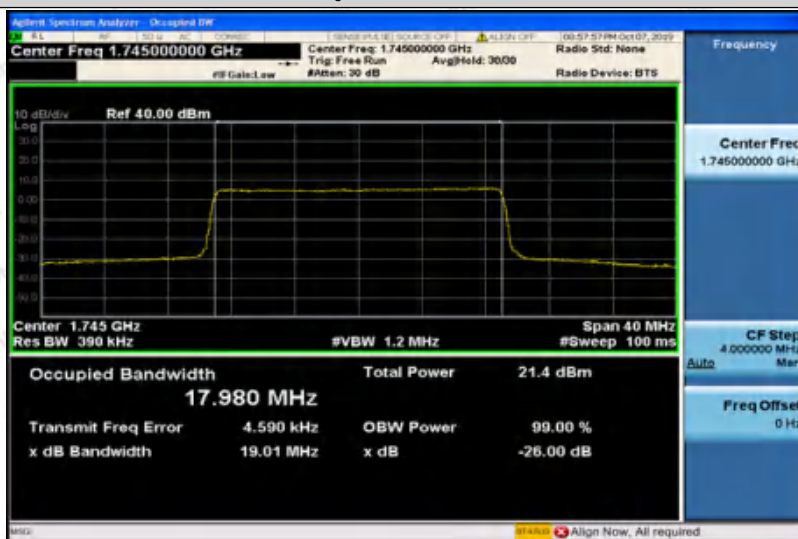
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Band4-20MHz-16QAM-20050-100RB#0-17.910

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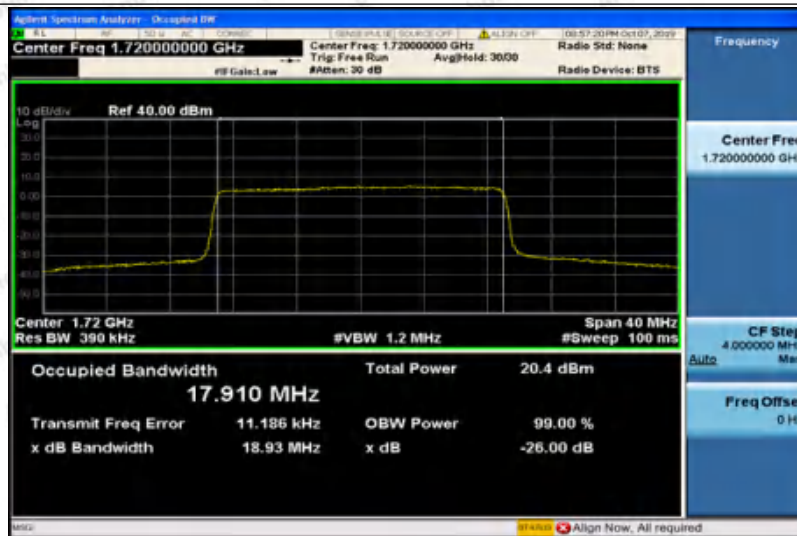
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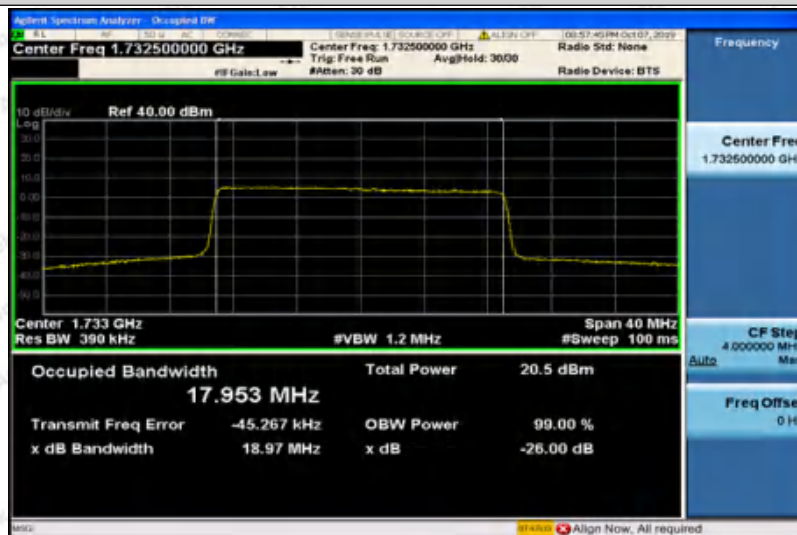
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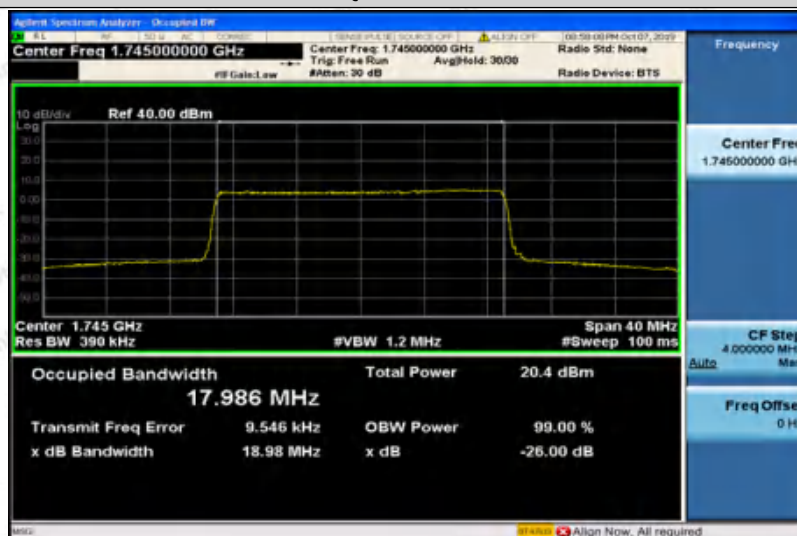
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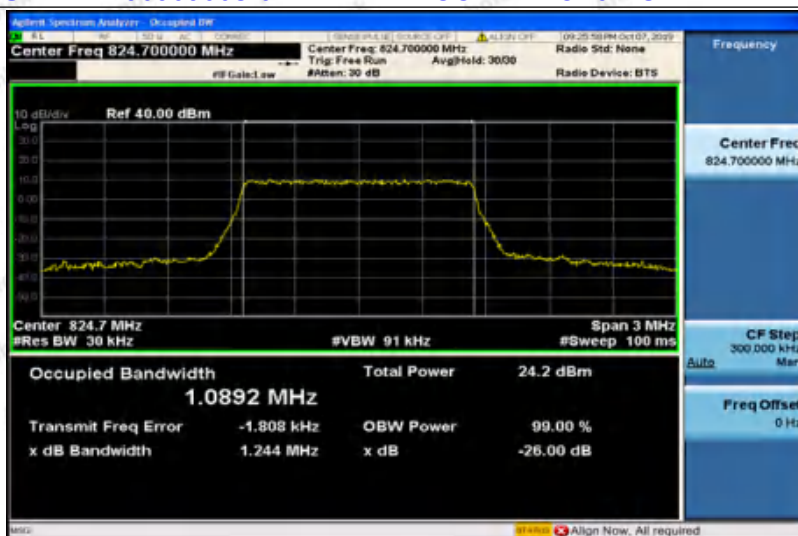
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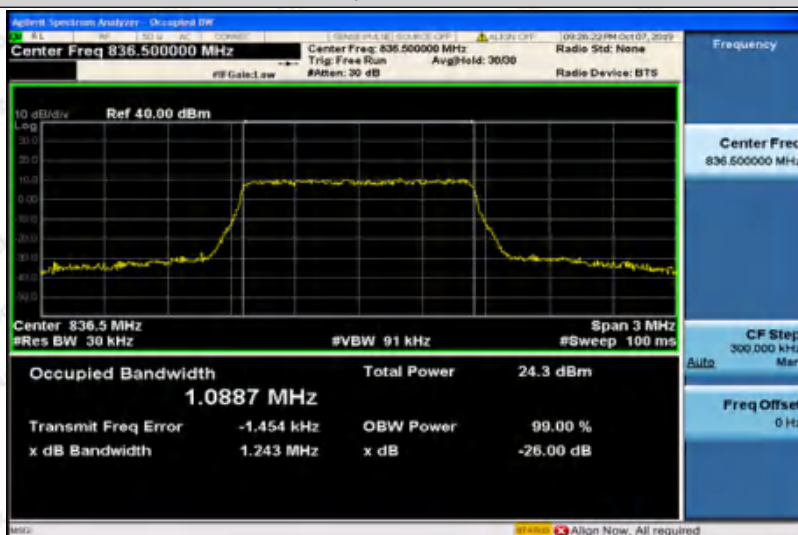
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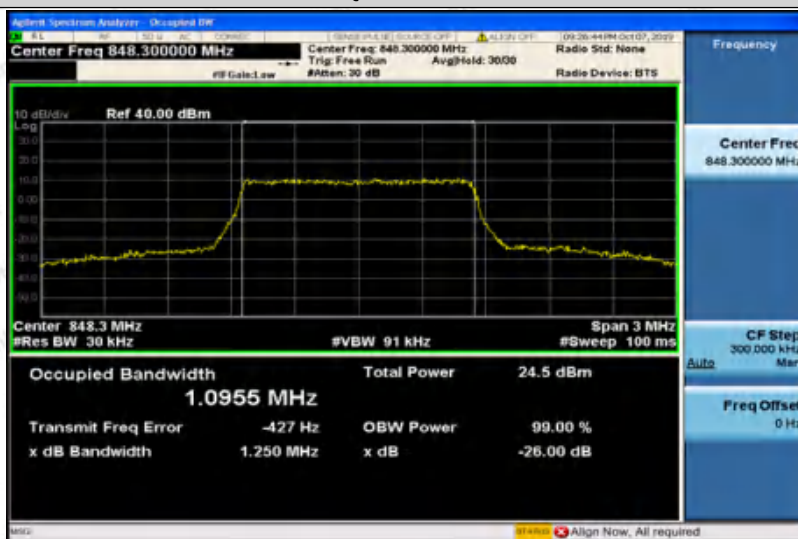
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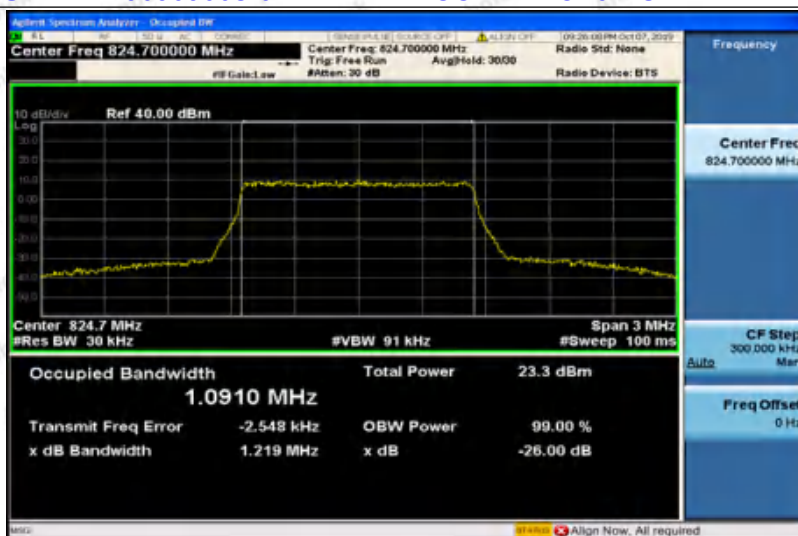
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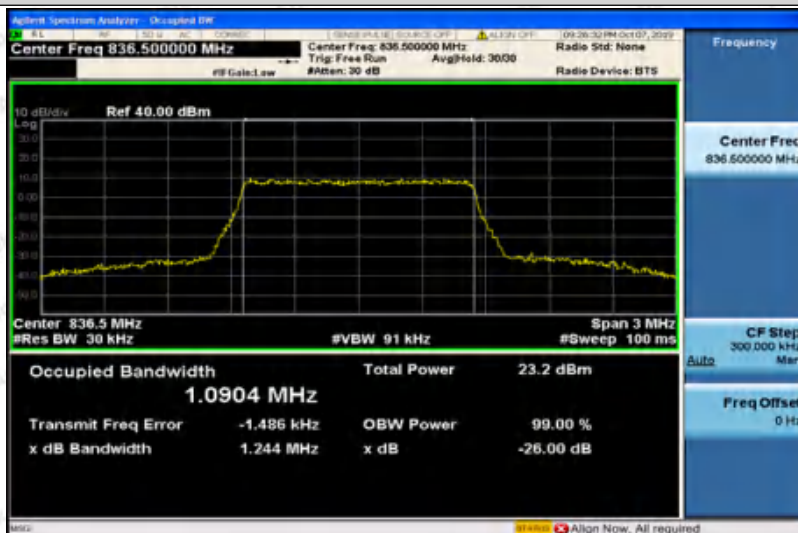
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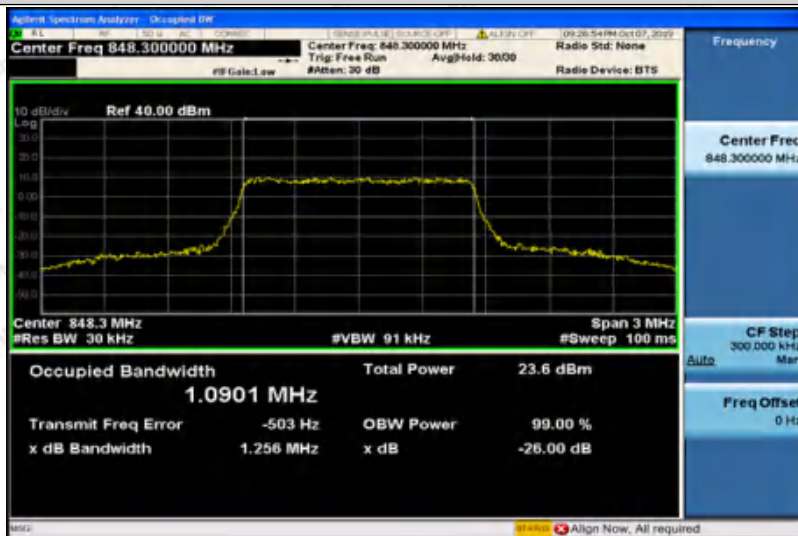
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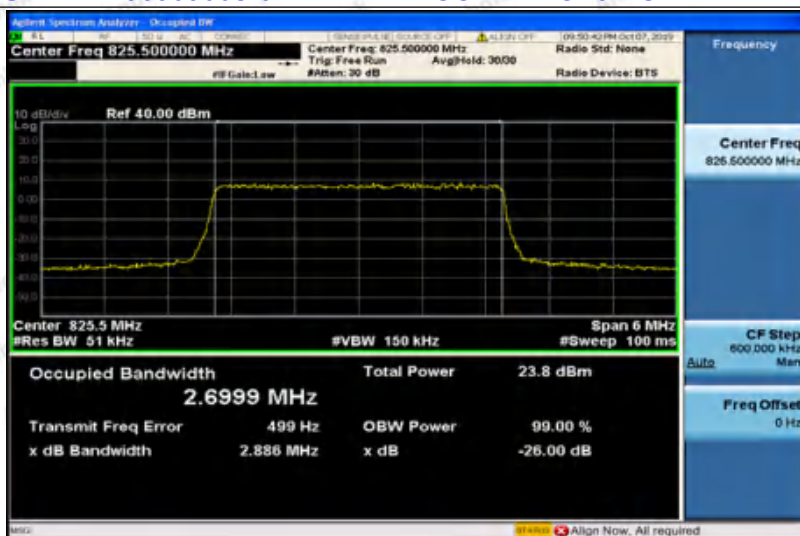
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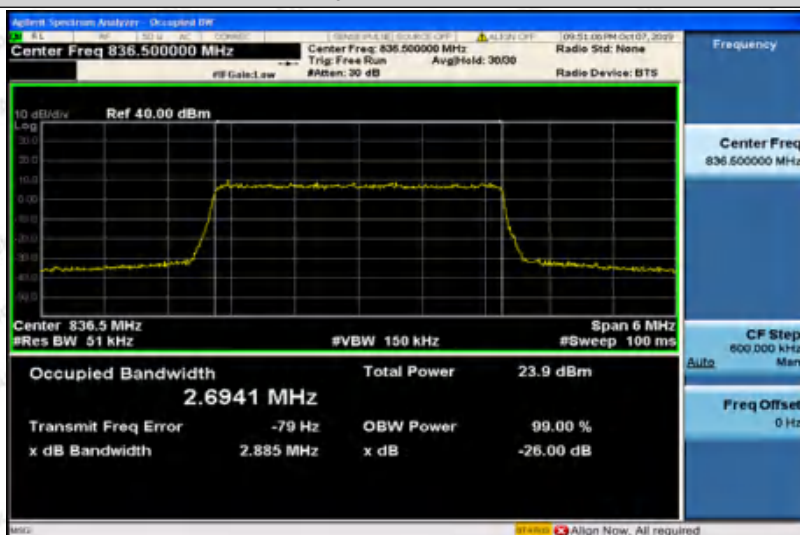
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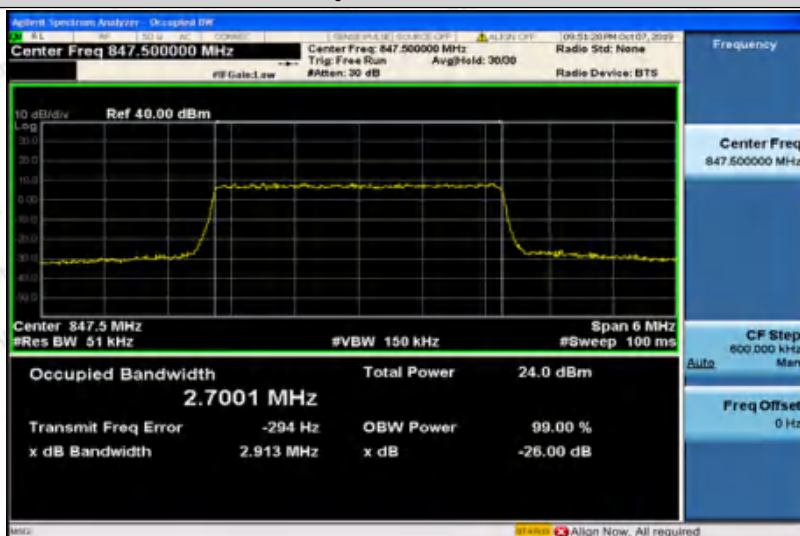
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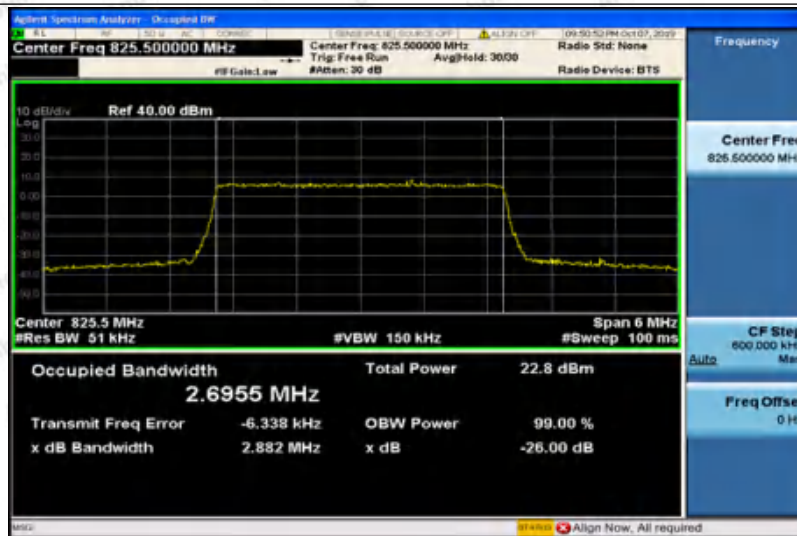
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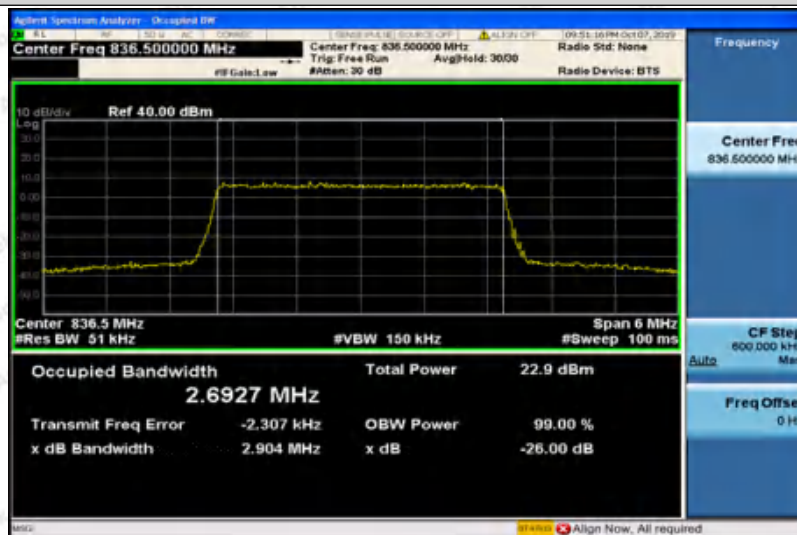
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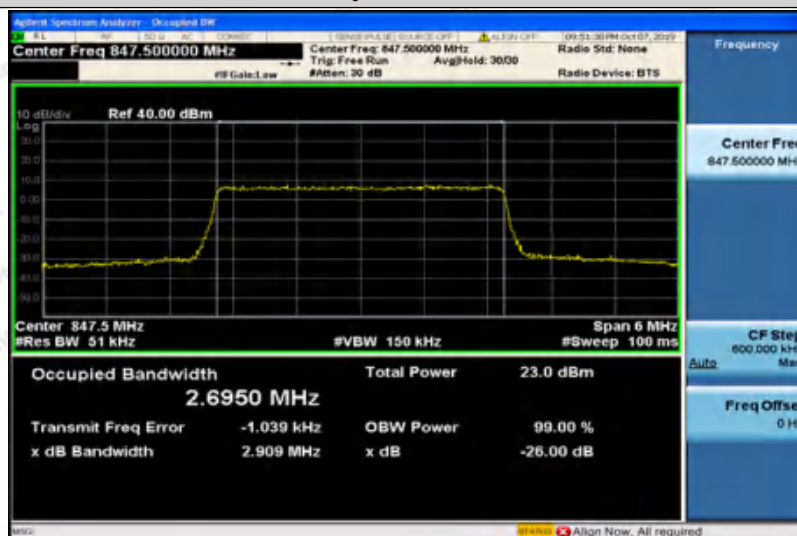
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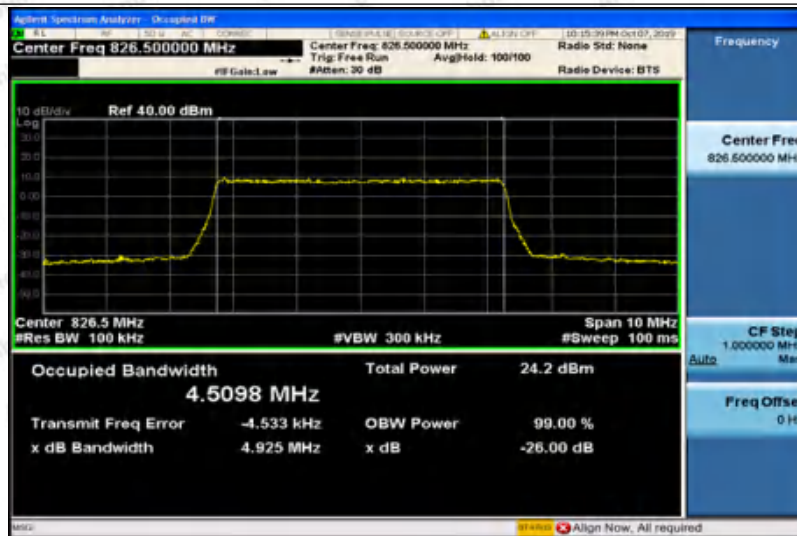
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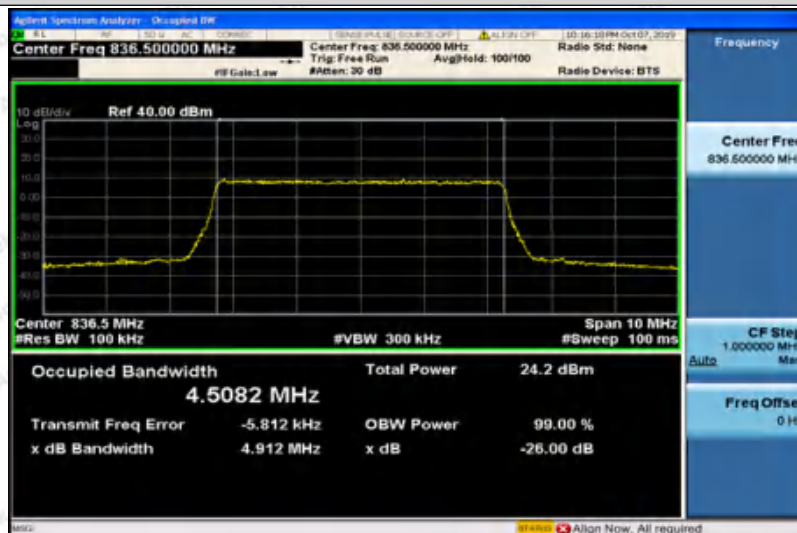
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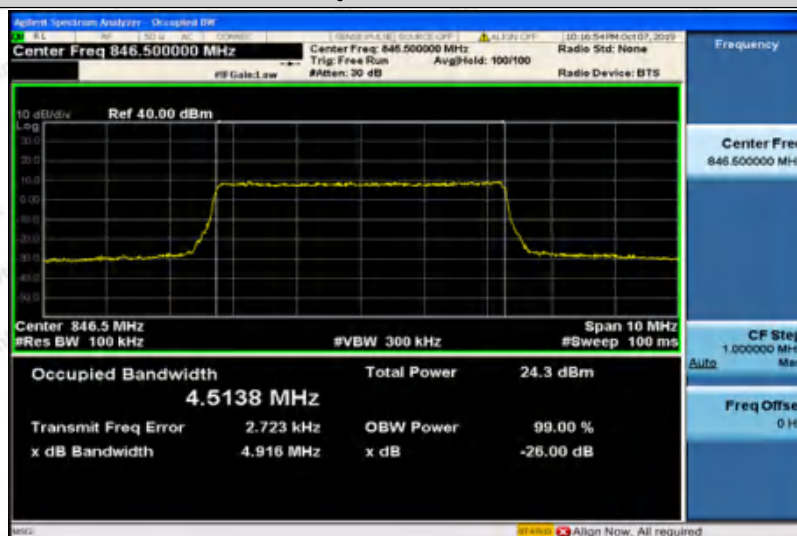
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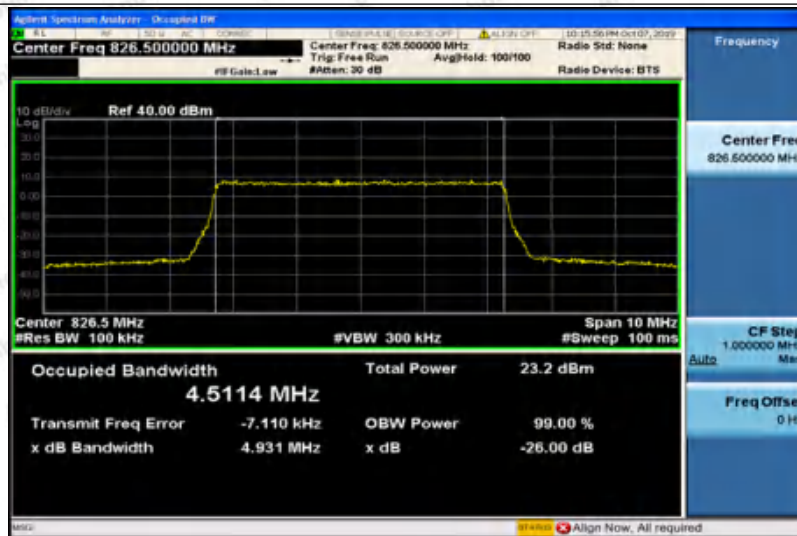
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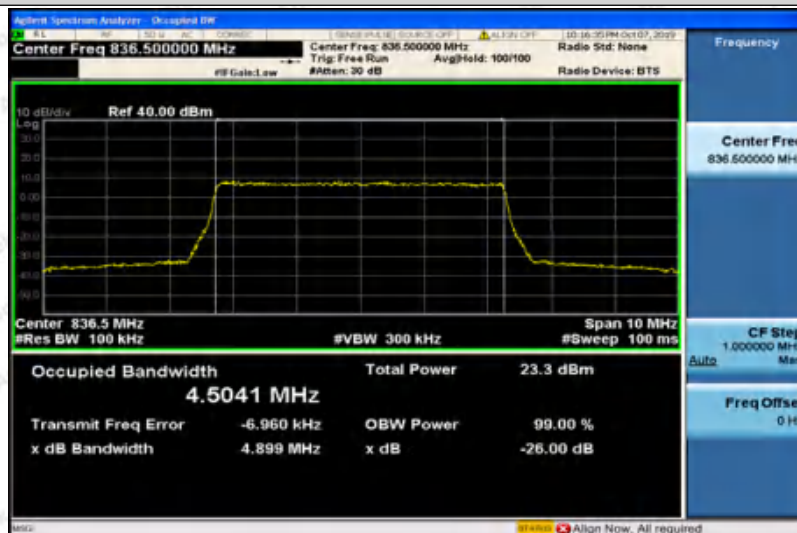
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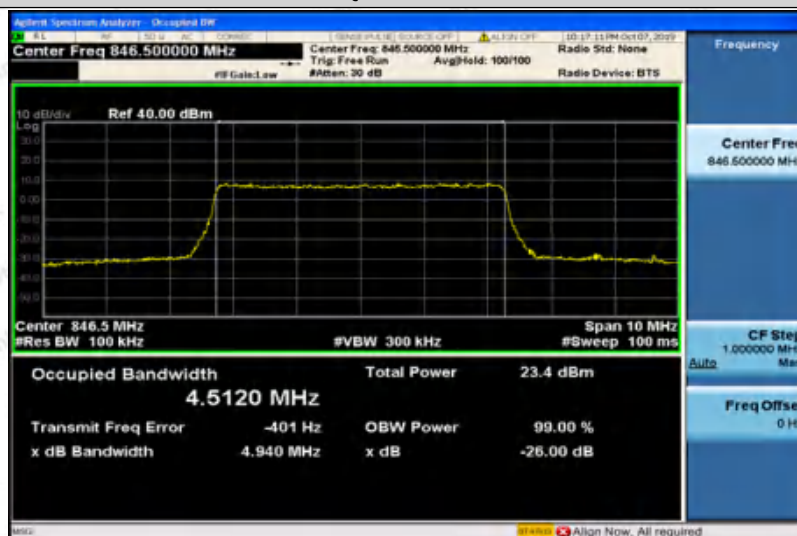
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Band5-5MHz-16QAM-20625-25RB#0-4.5120



Band5-10MHz-QPSK-20450-50RB#0-8.9926

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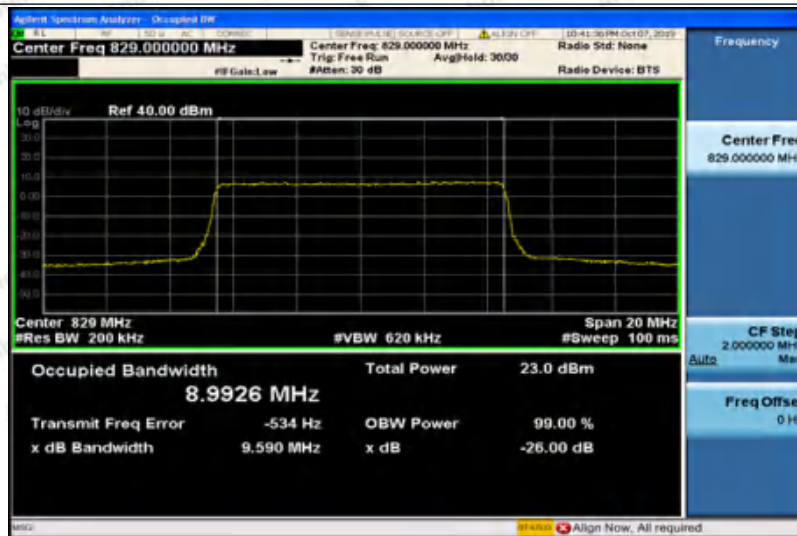
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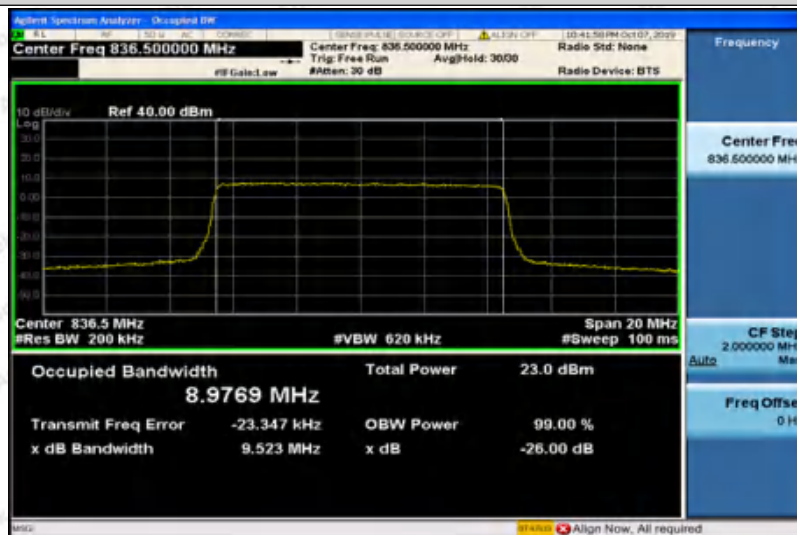
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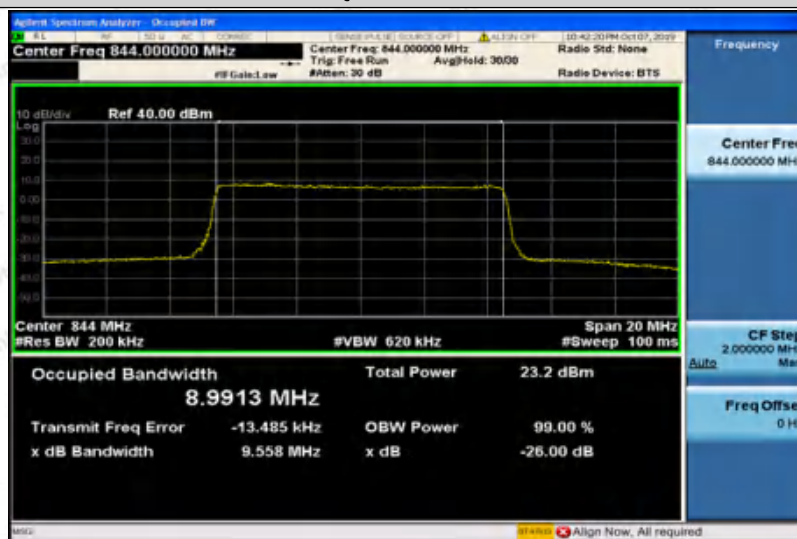
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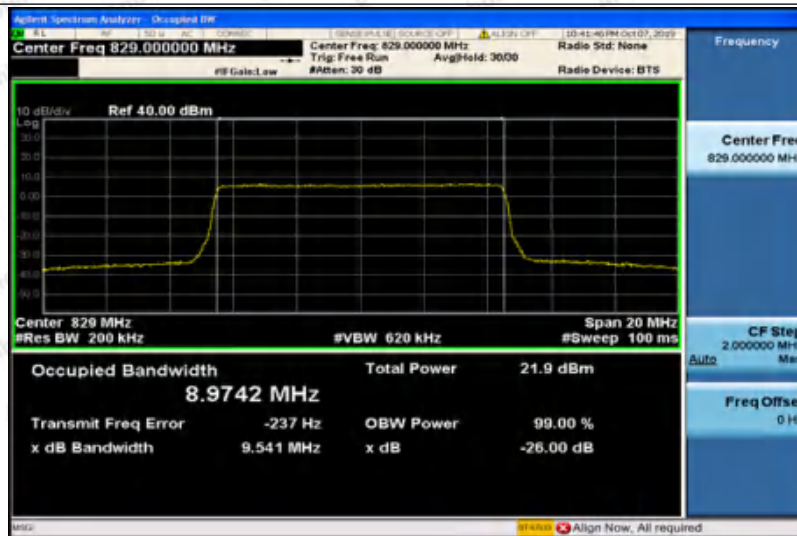
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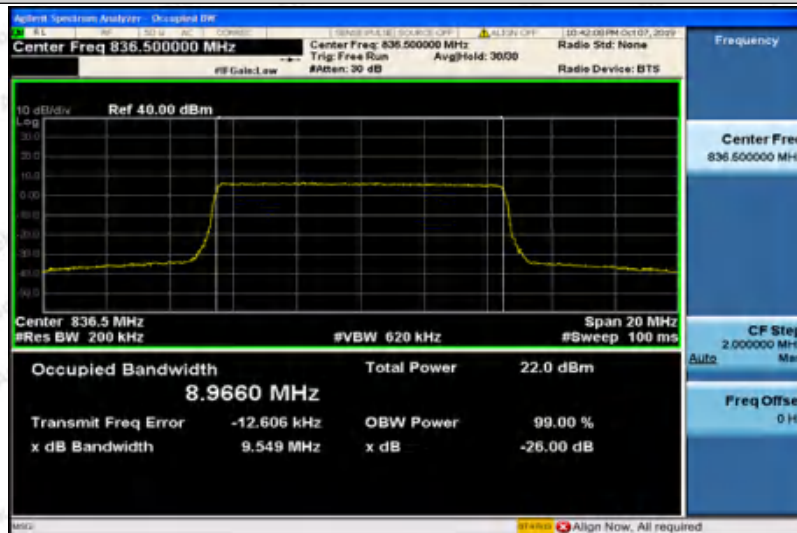
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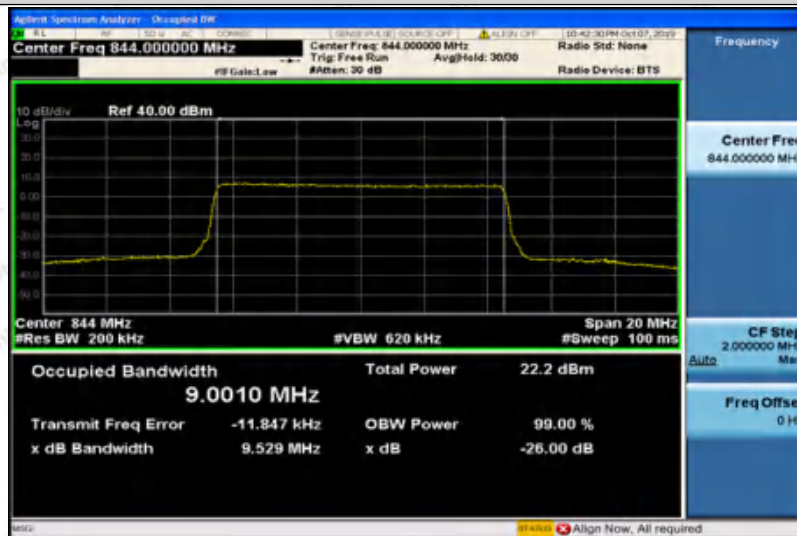
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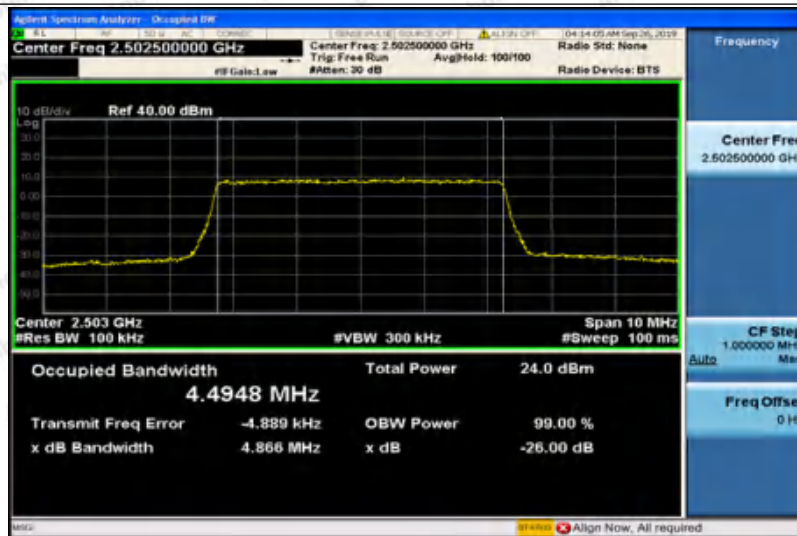
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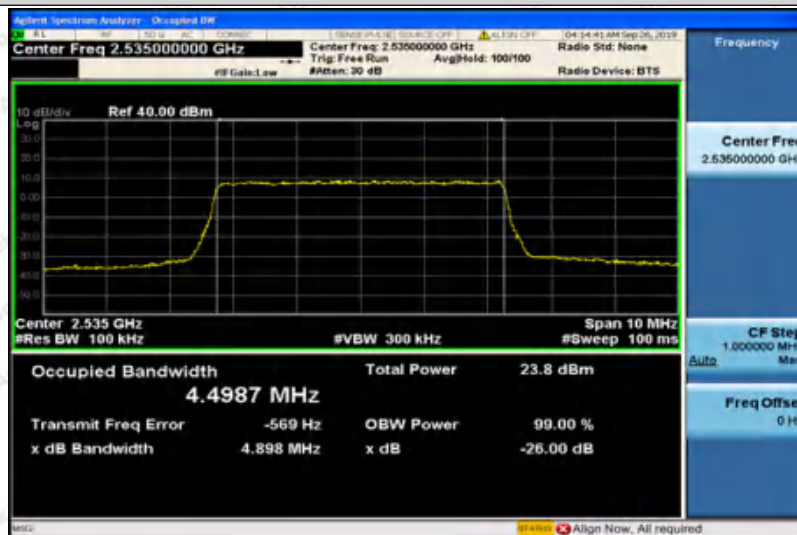
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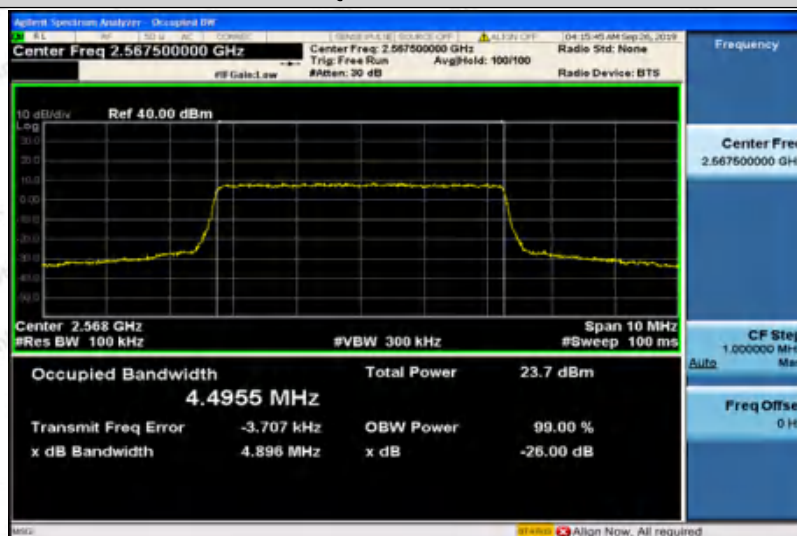
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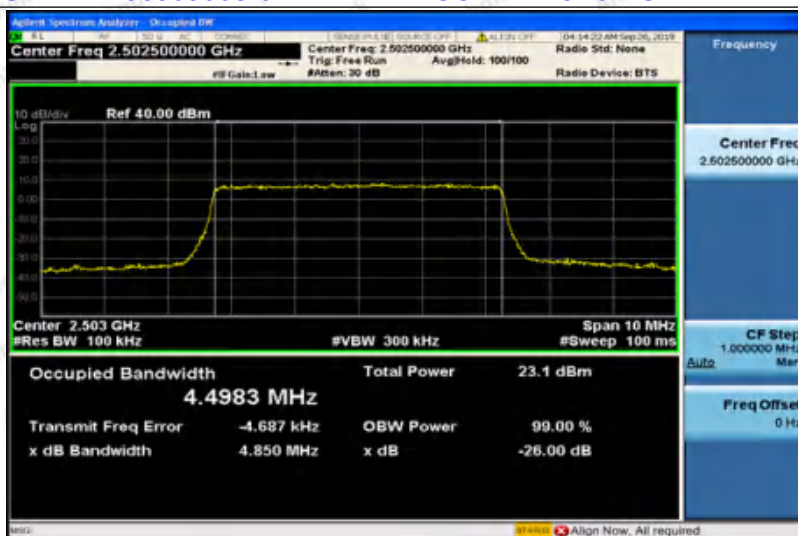
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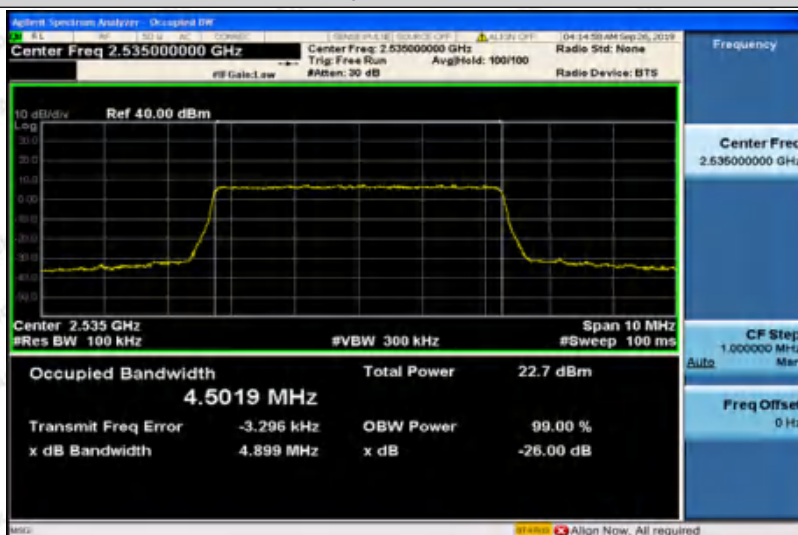
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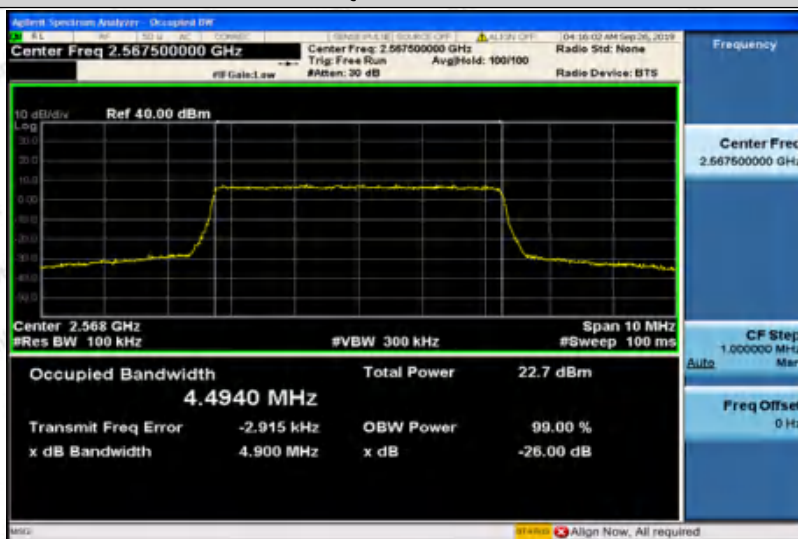
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Band7-10MHz-QPSK-20800-50RB#0-8.9525

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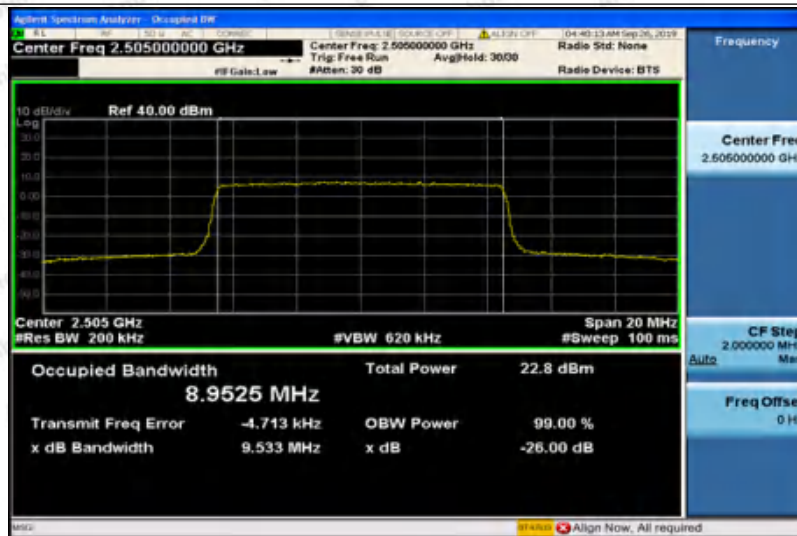
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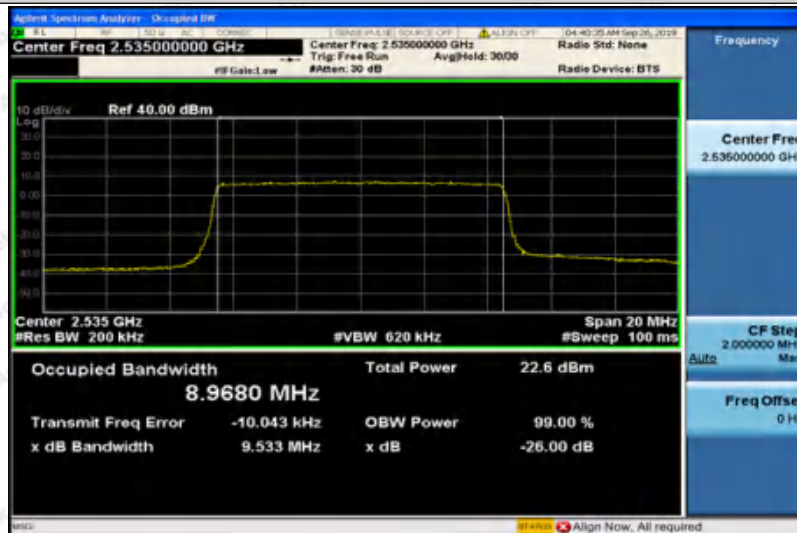
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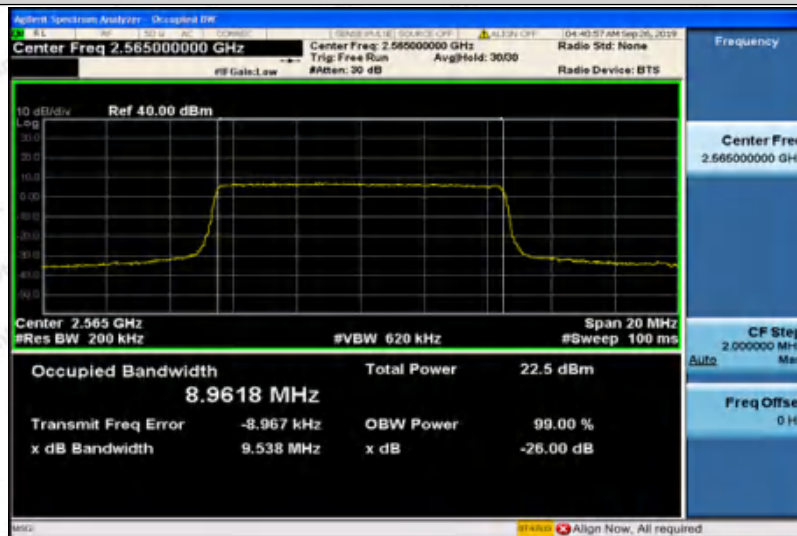
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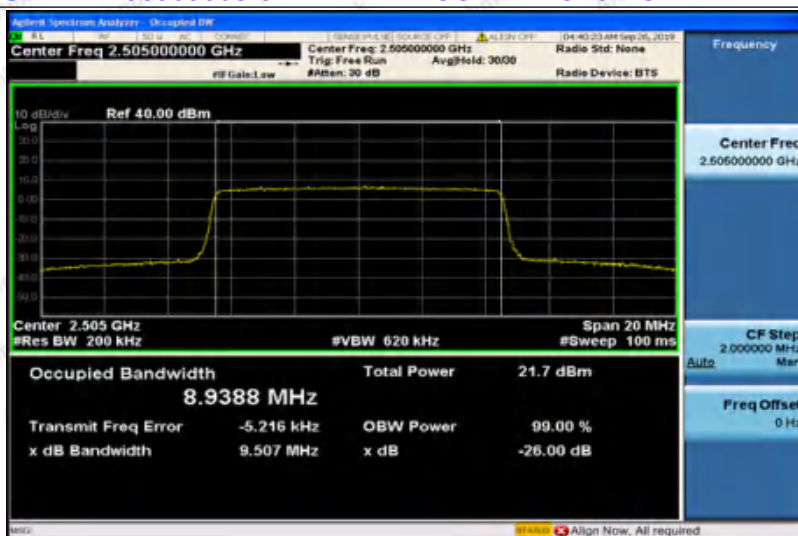
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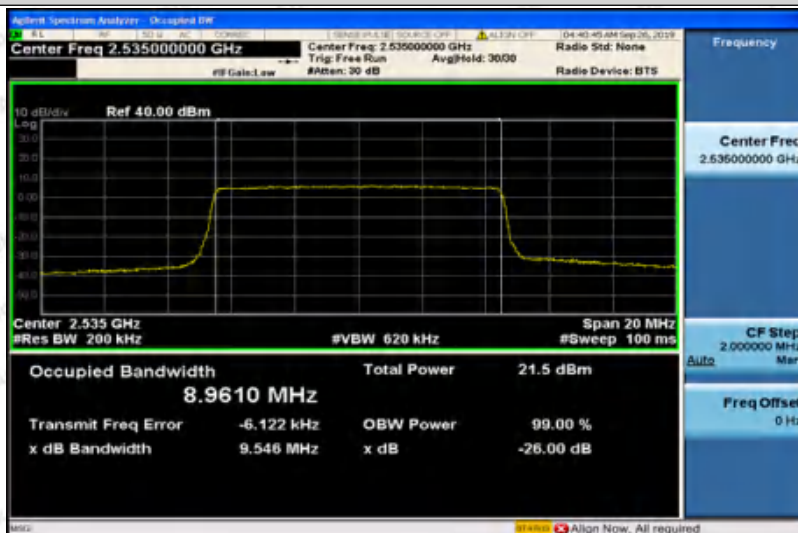
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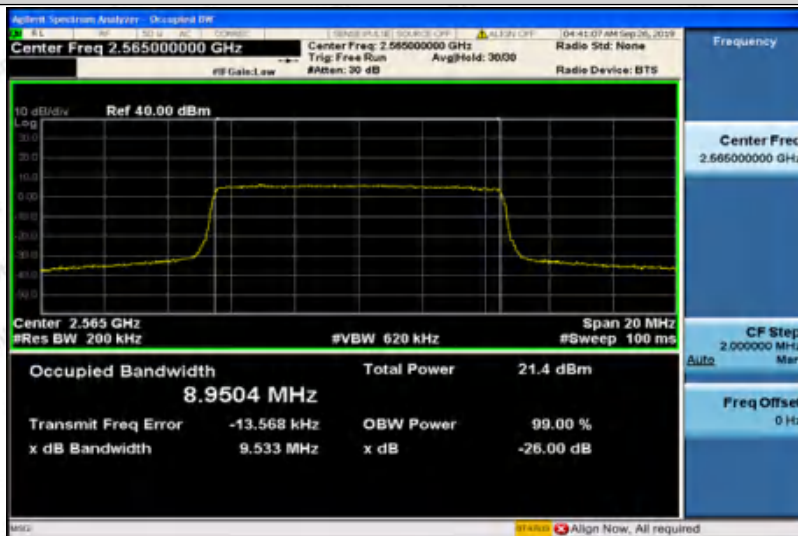
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Band7-15MHz-QPSK-20825-75RB#0-13.415

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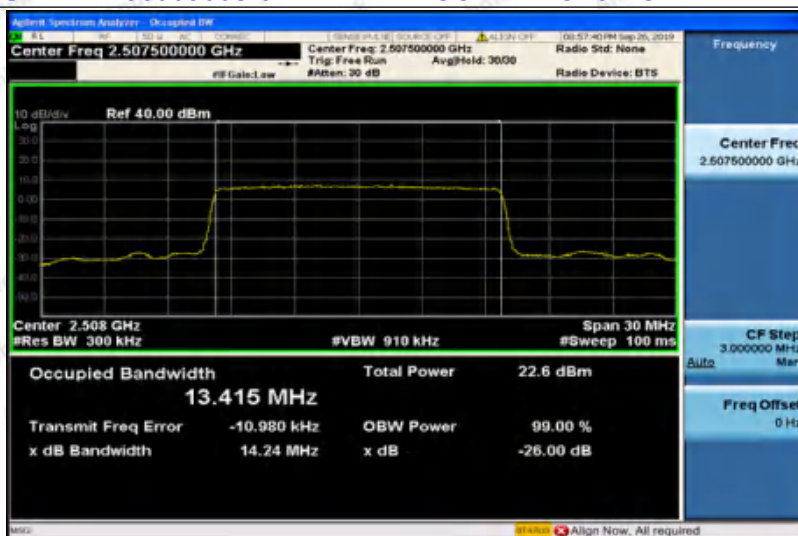
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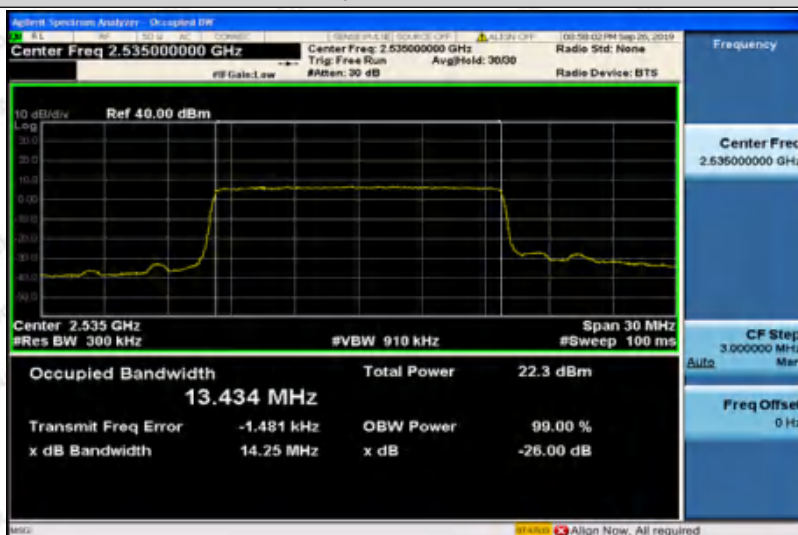
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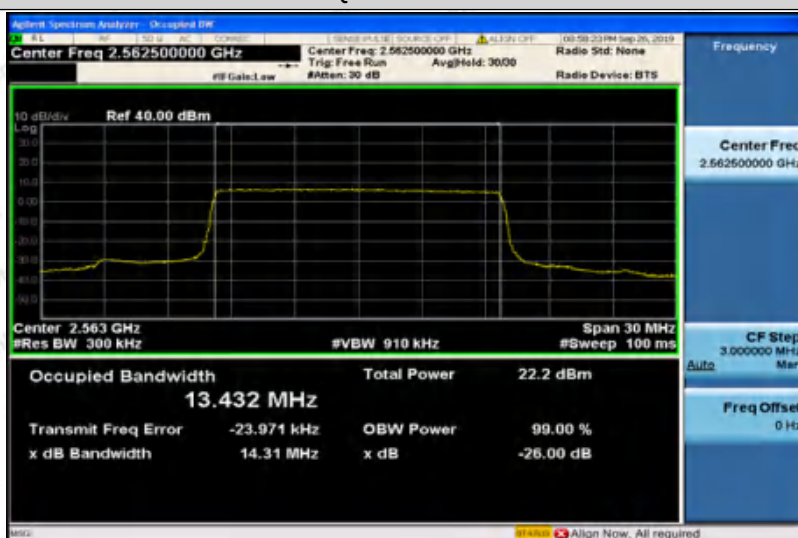
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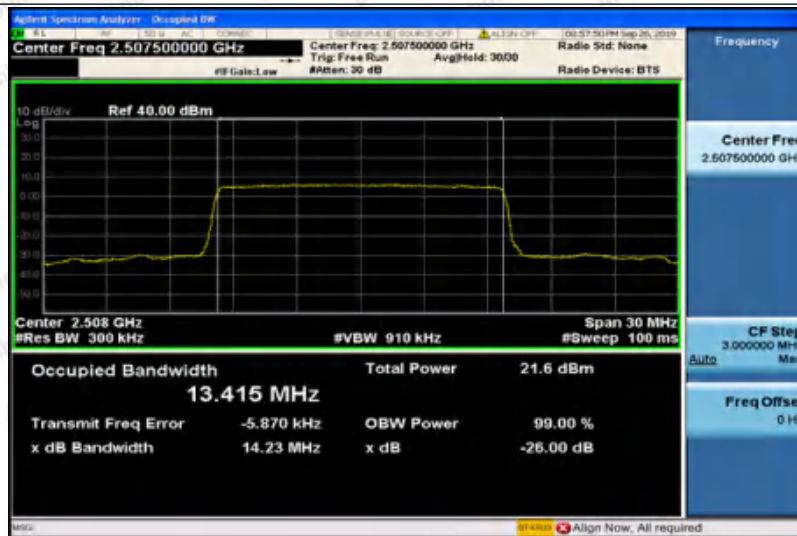
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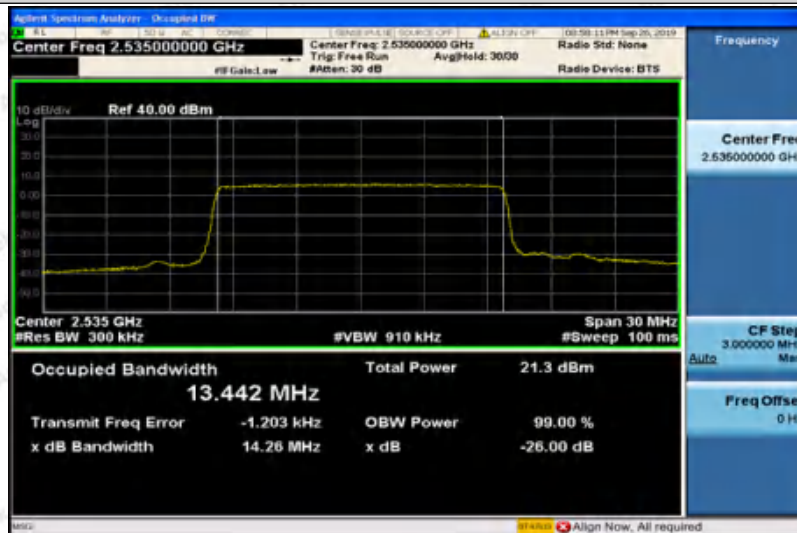
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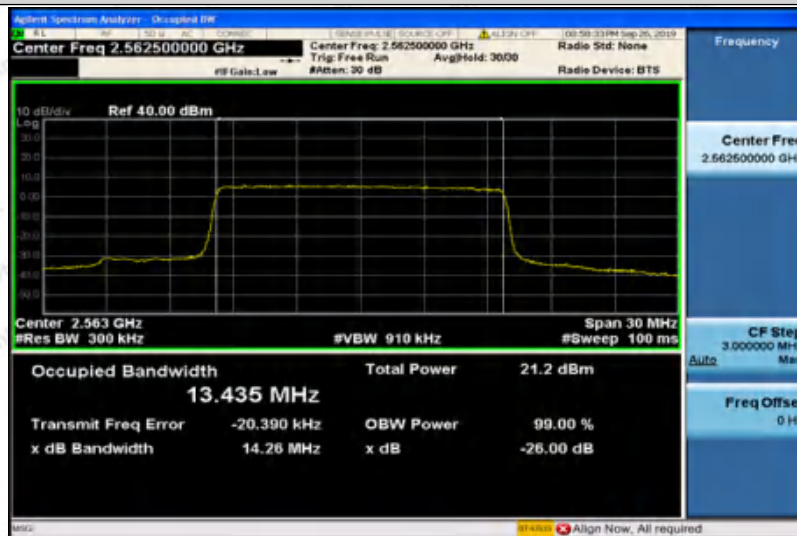
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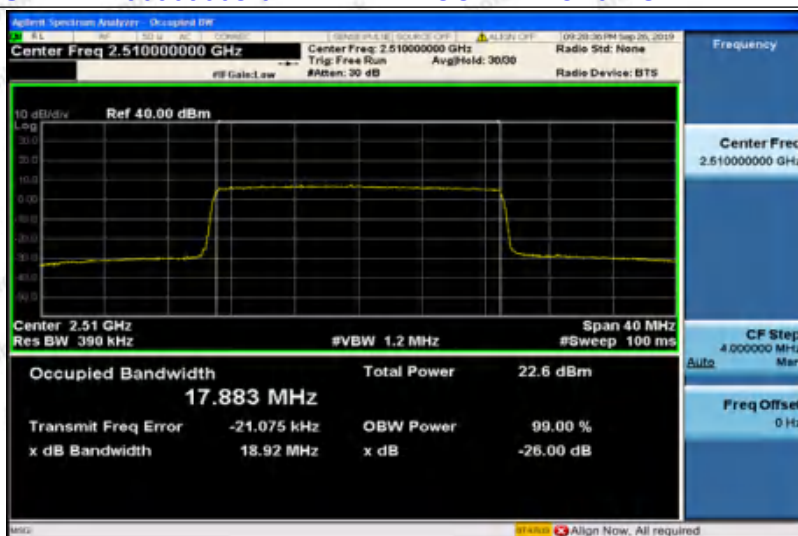
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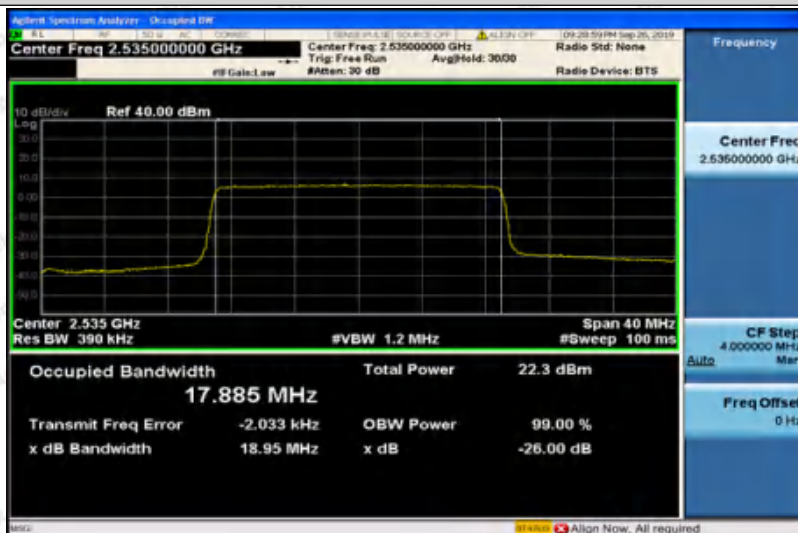
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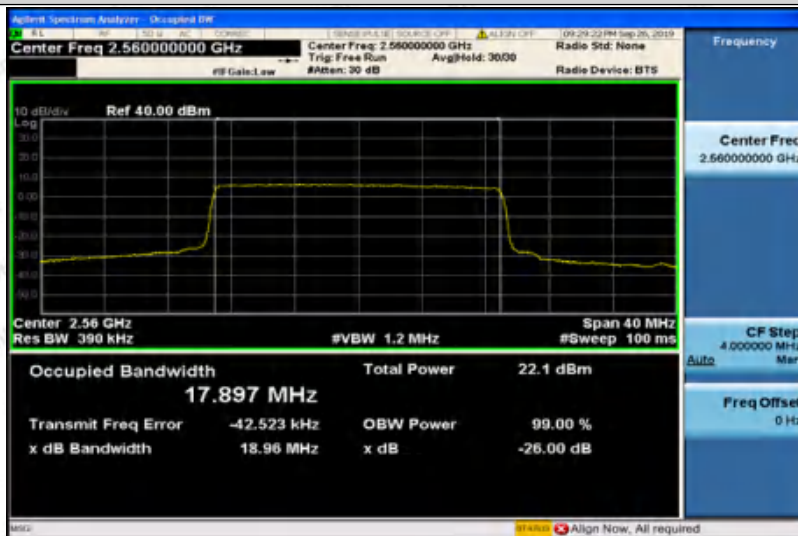
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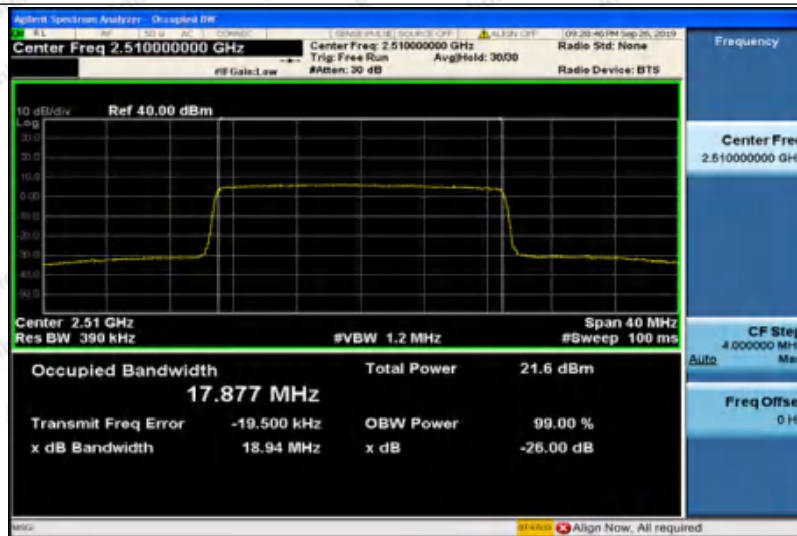
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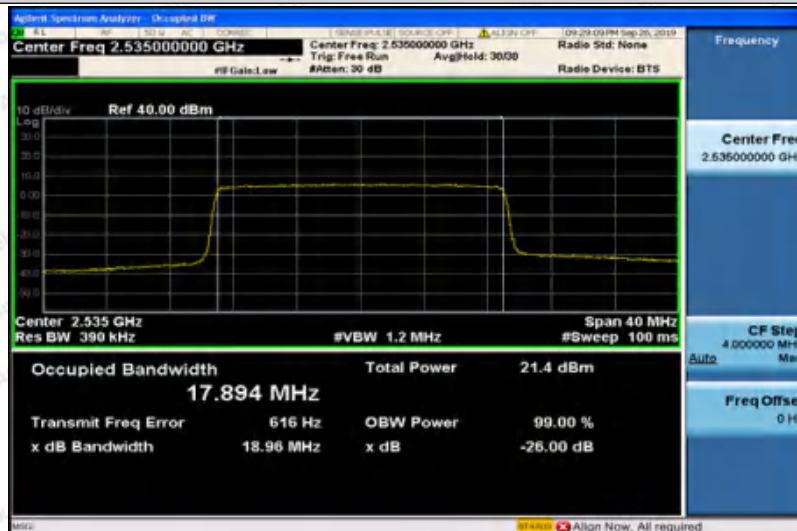
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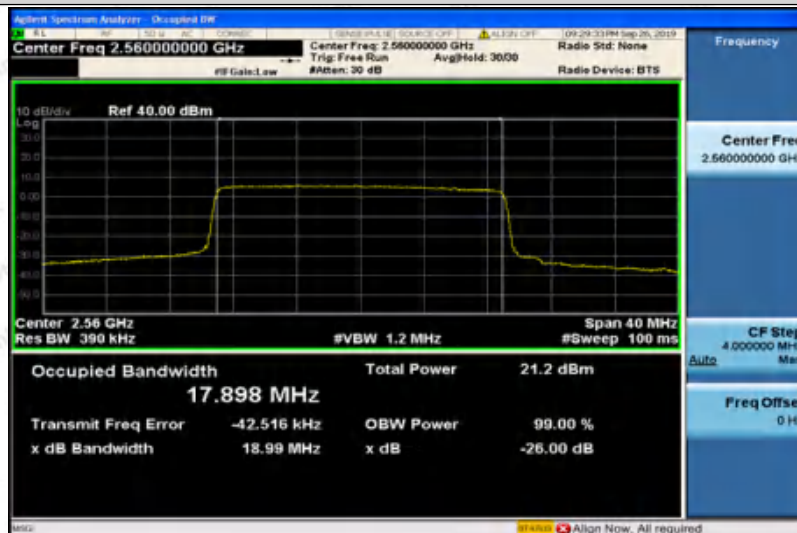
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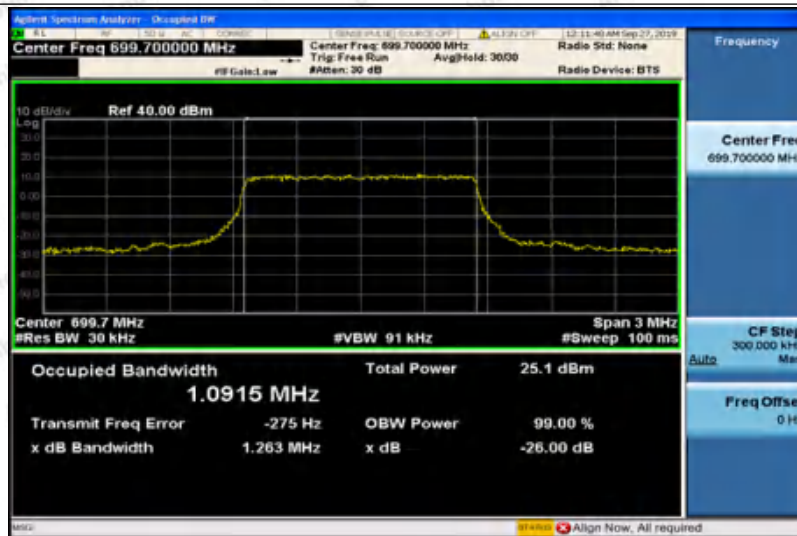
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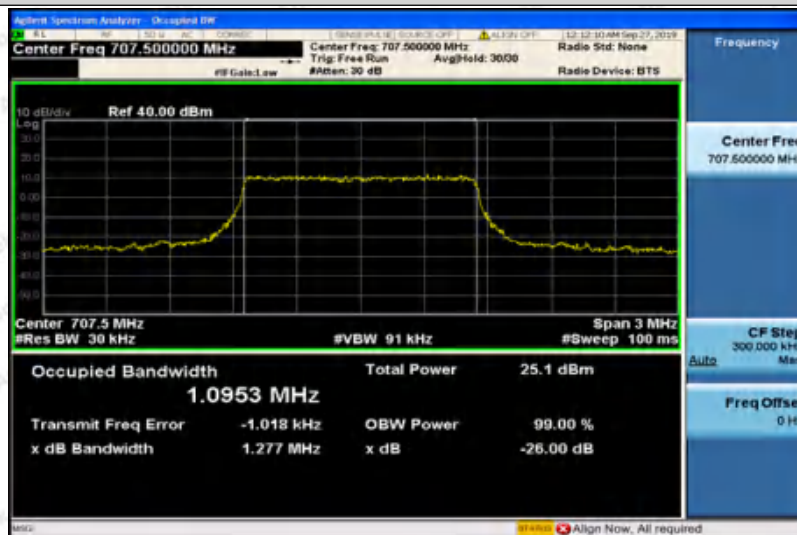
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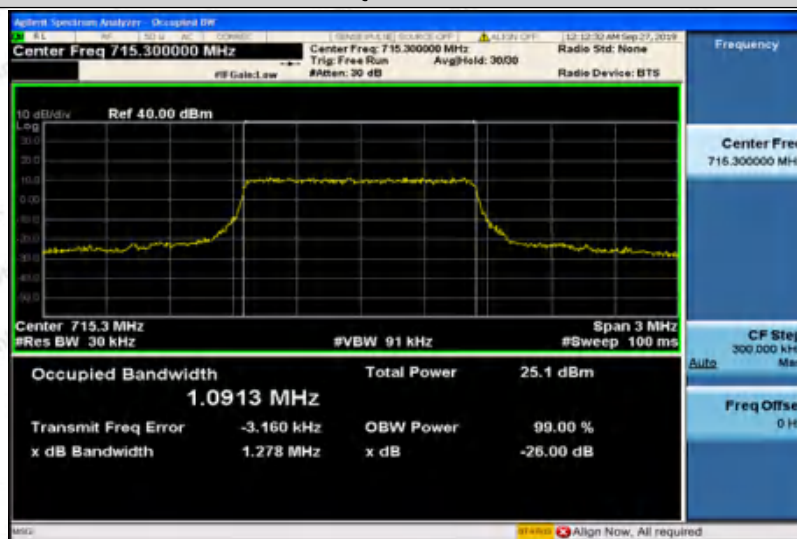
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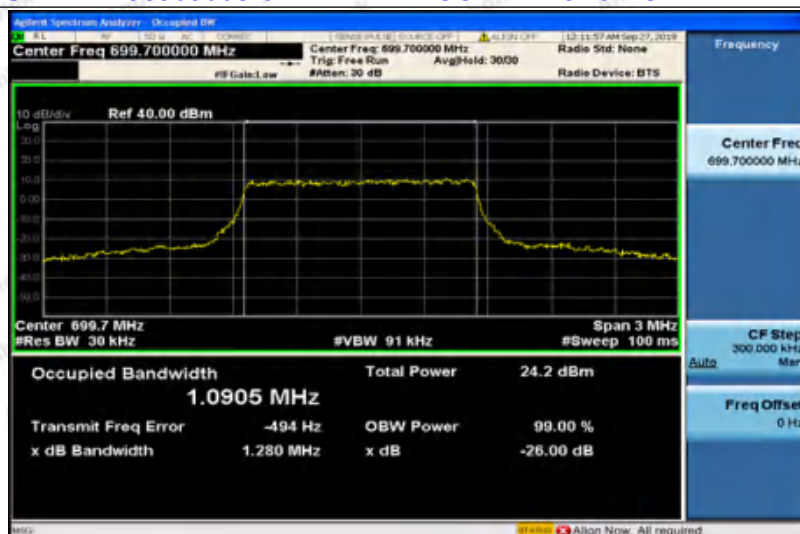
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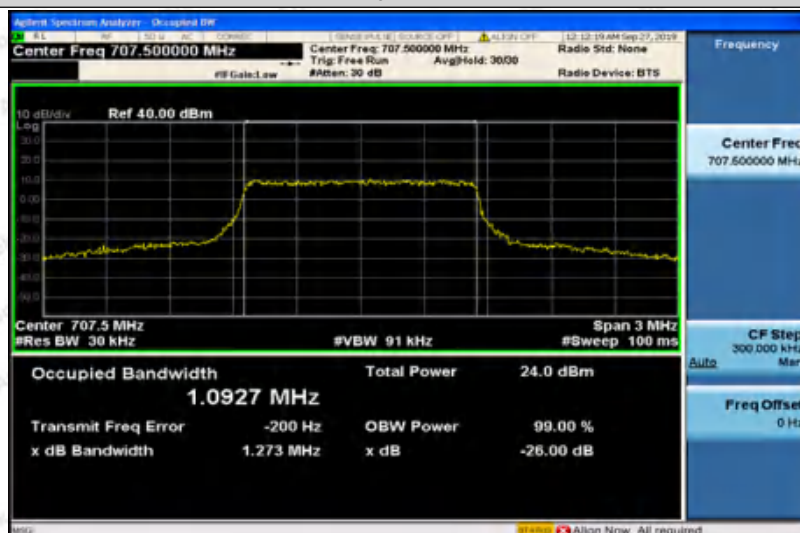
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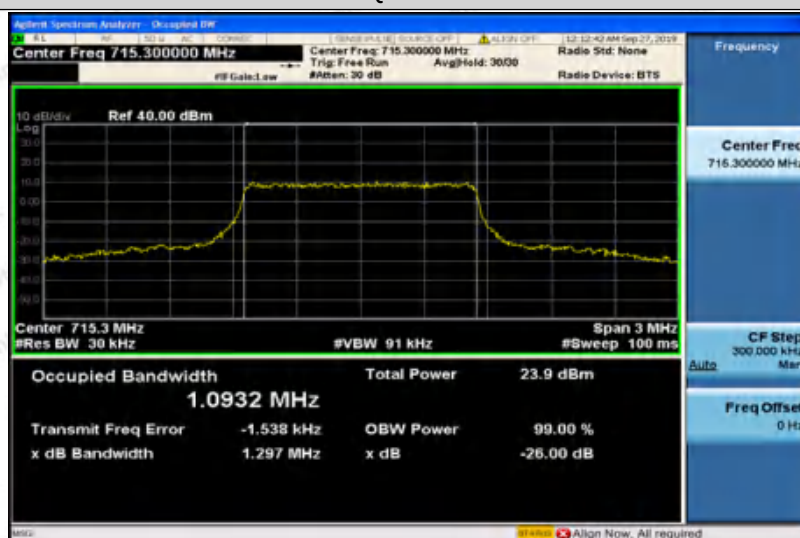
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Band12-3MHz-QPSK-23025-15RB#0-2.6968

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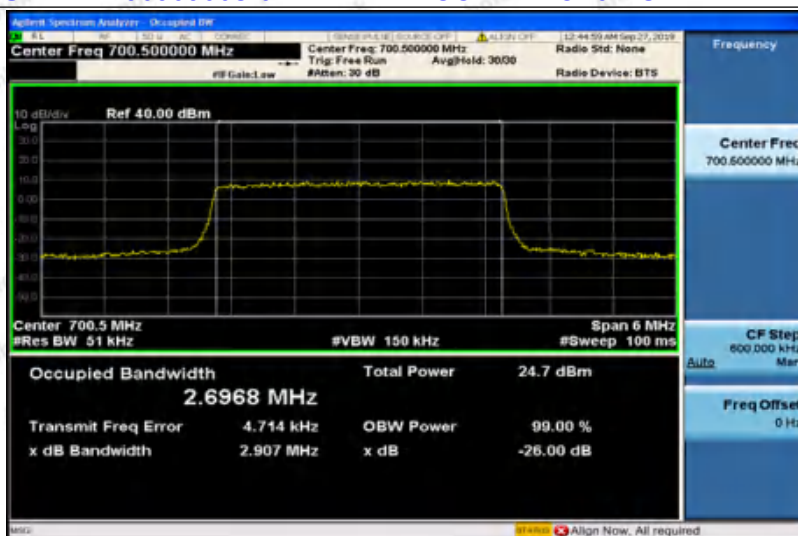
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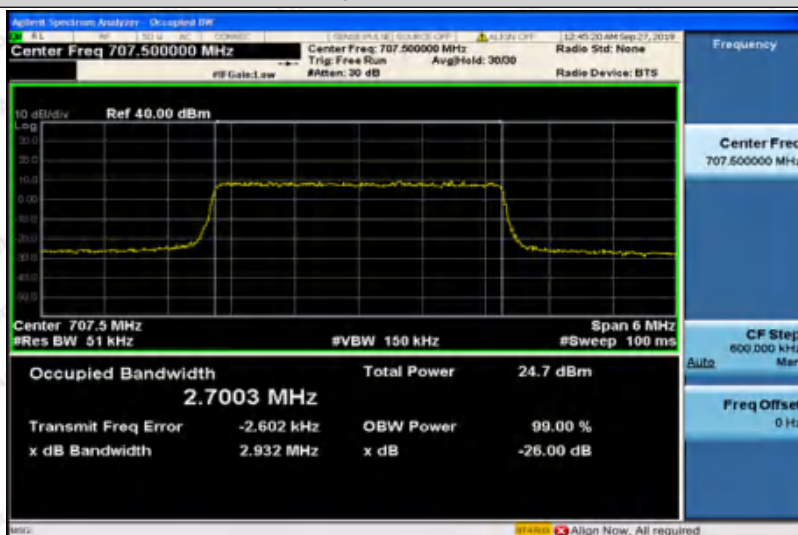
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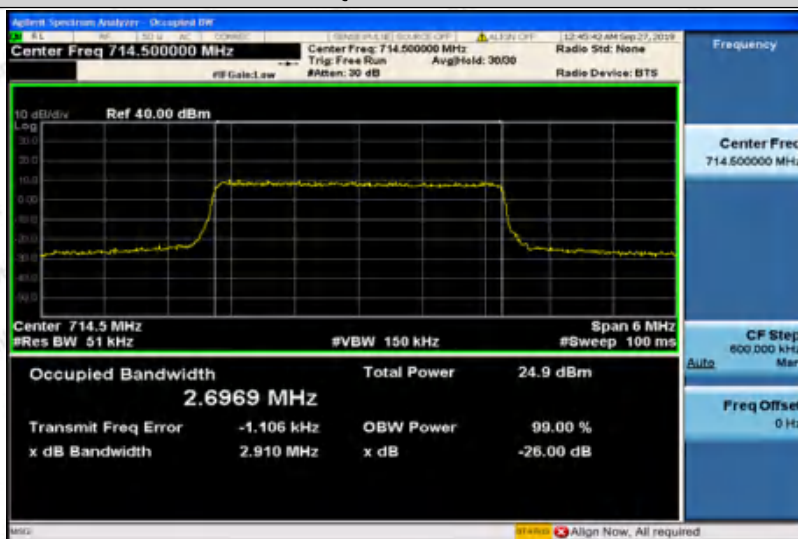
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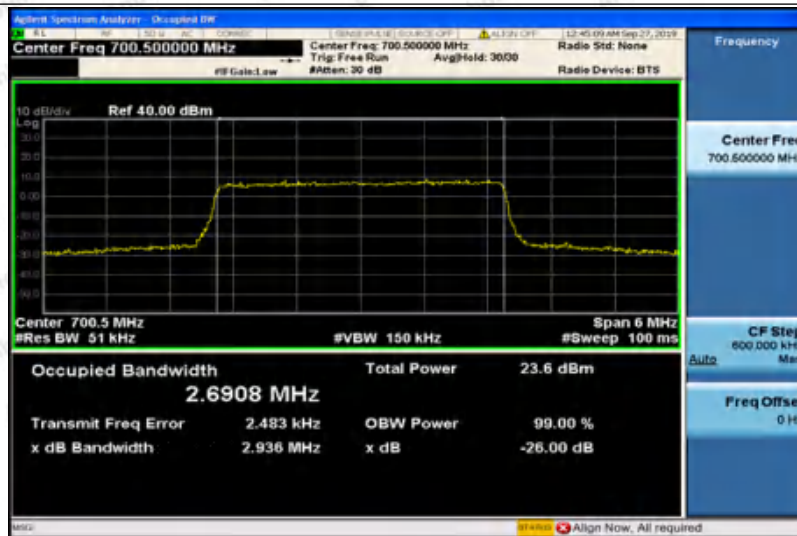
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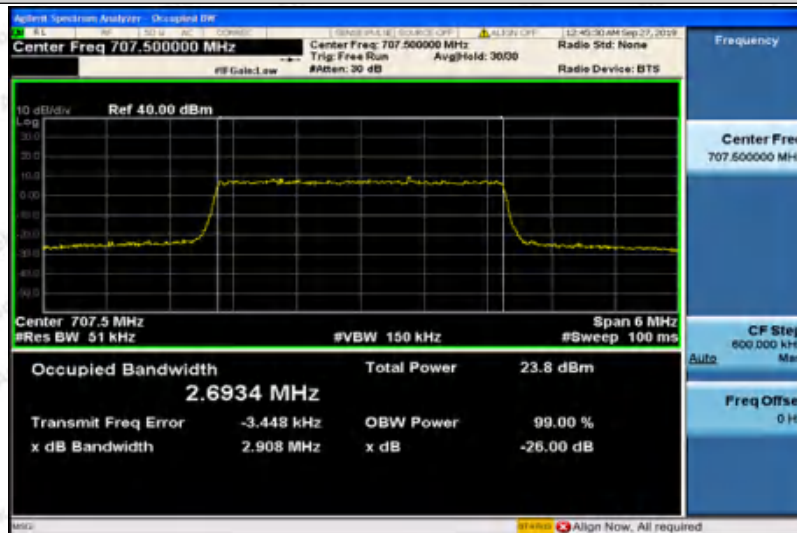
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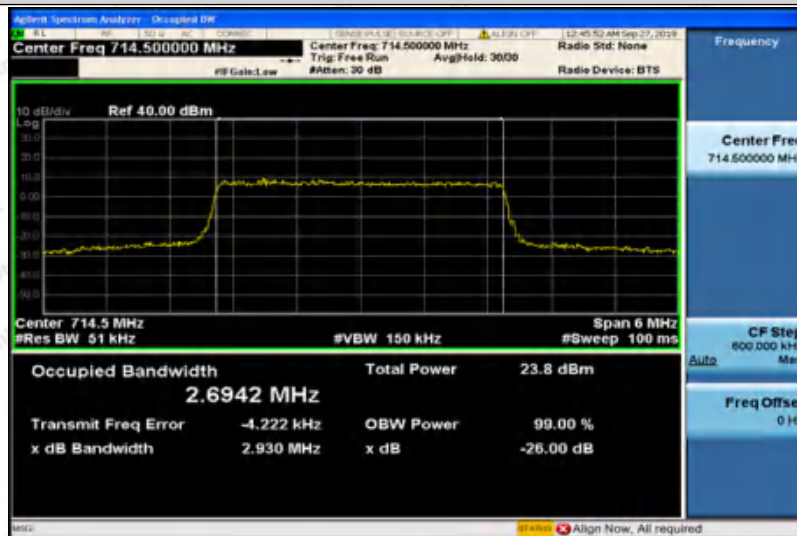
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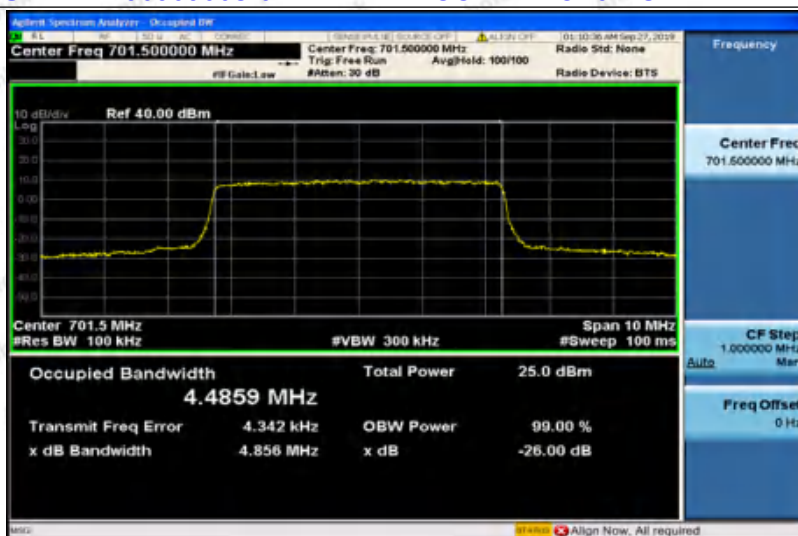
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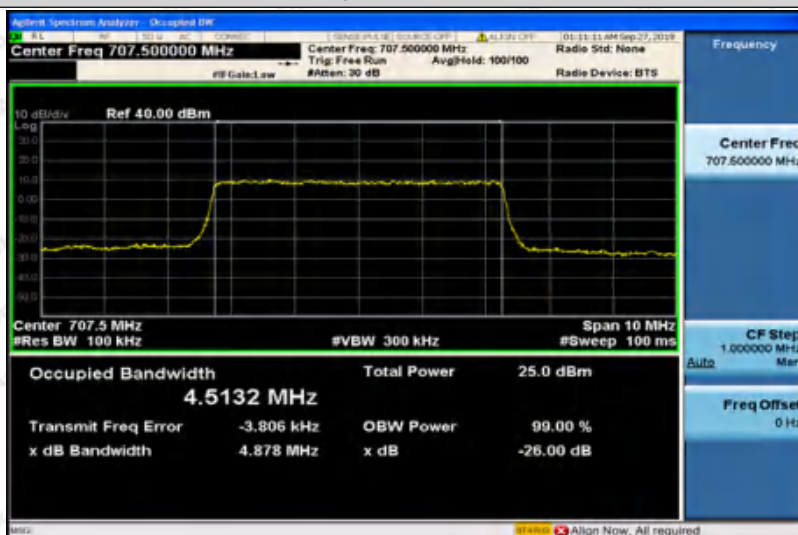
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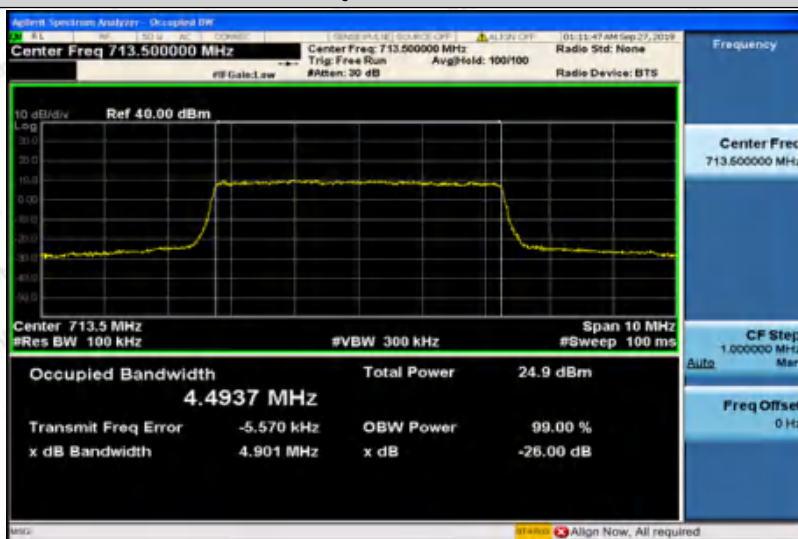
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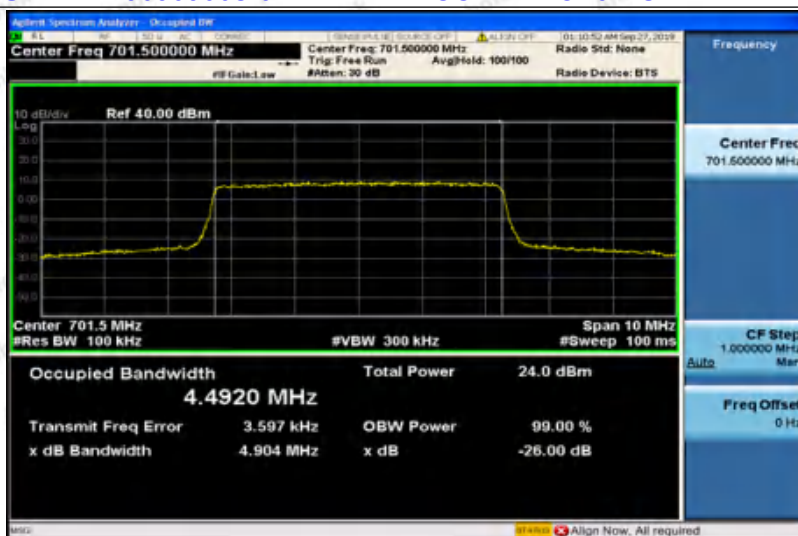
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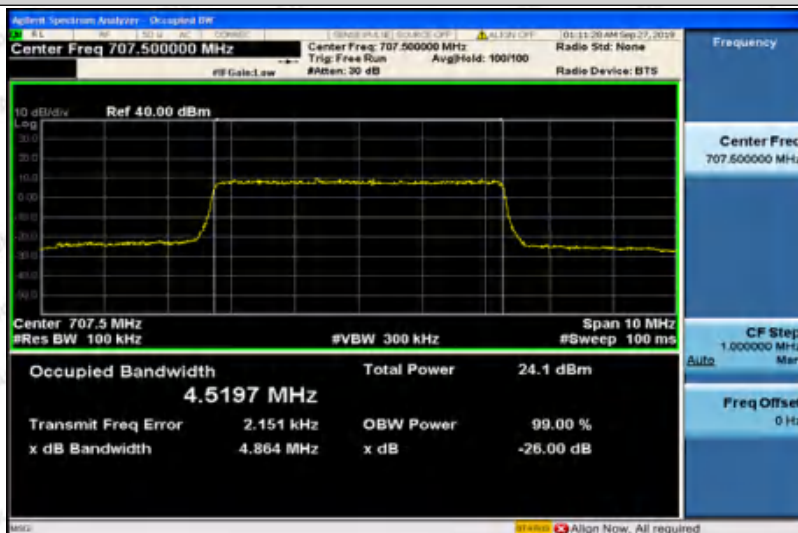
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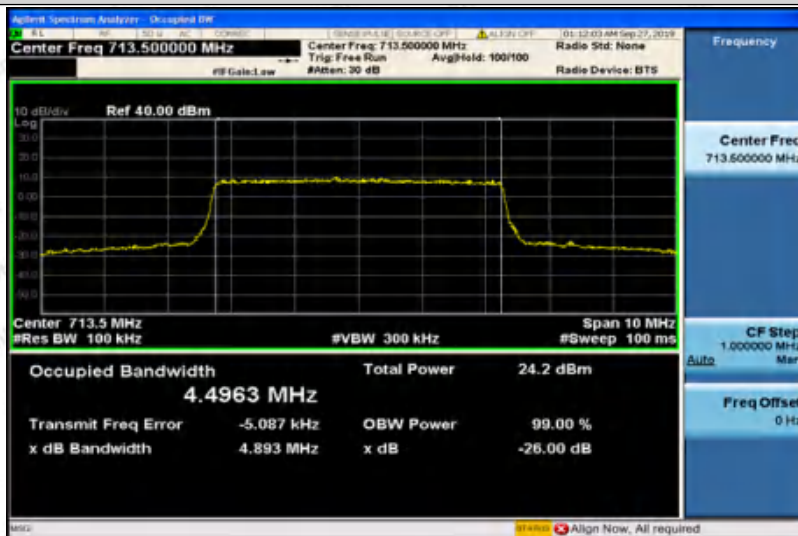
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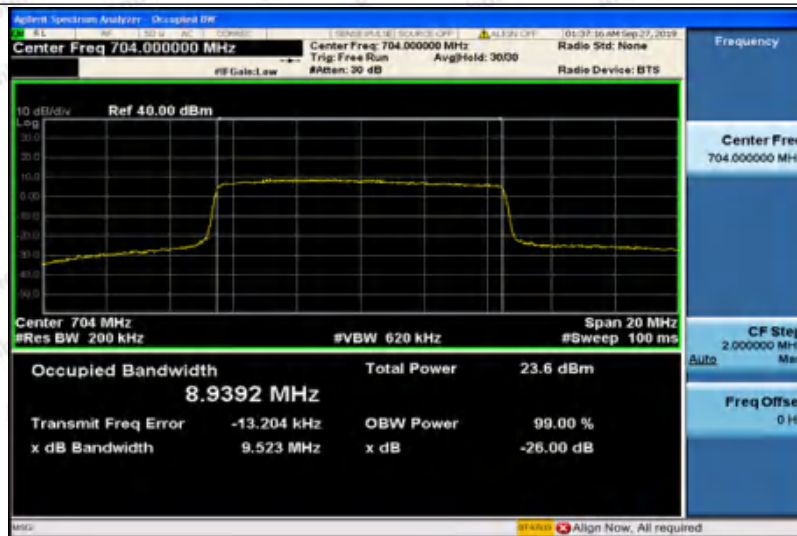
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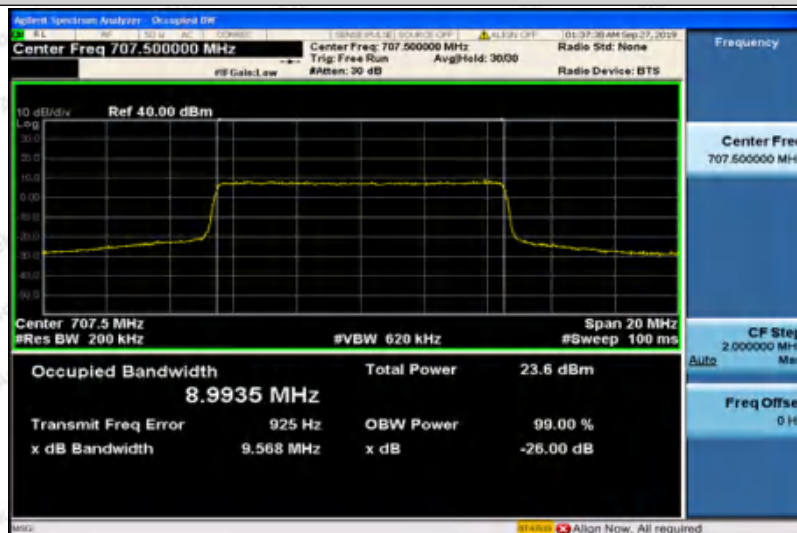
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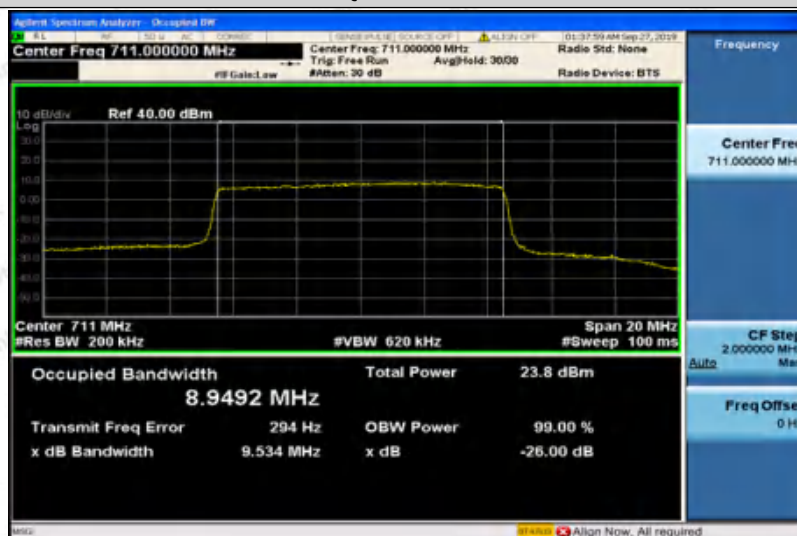
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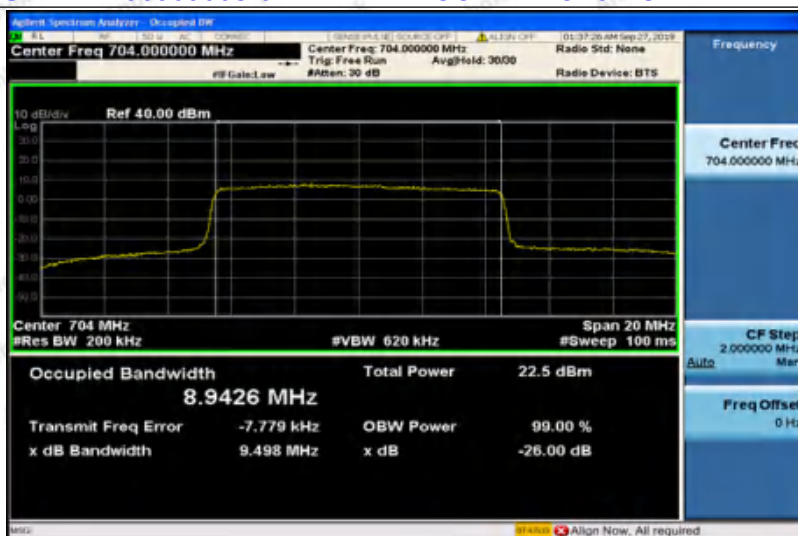
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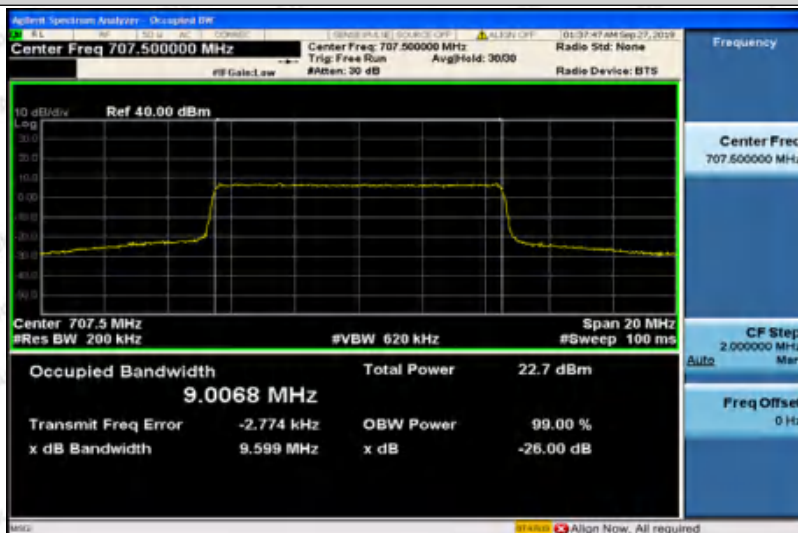
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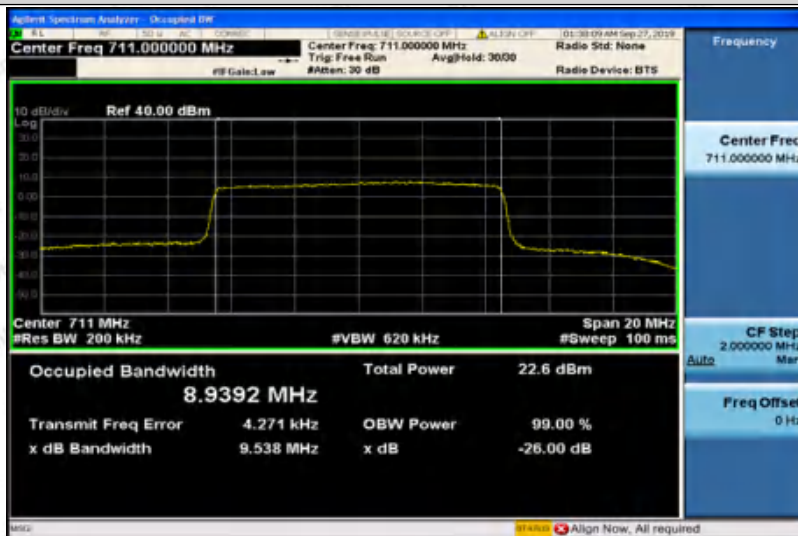
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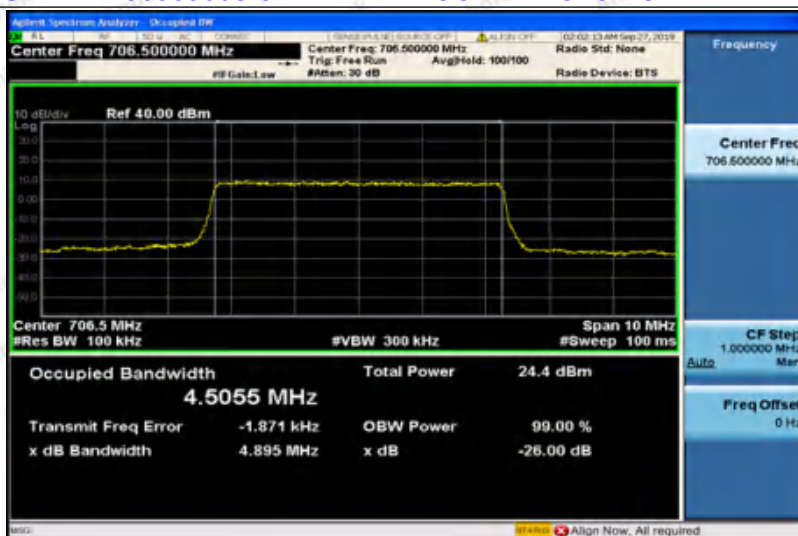
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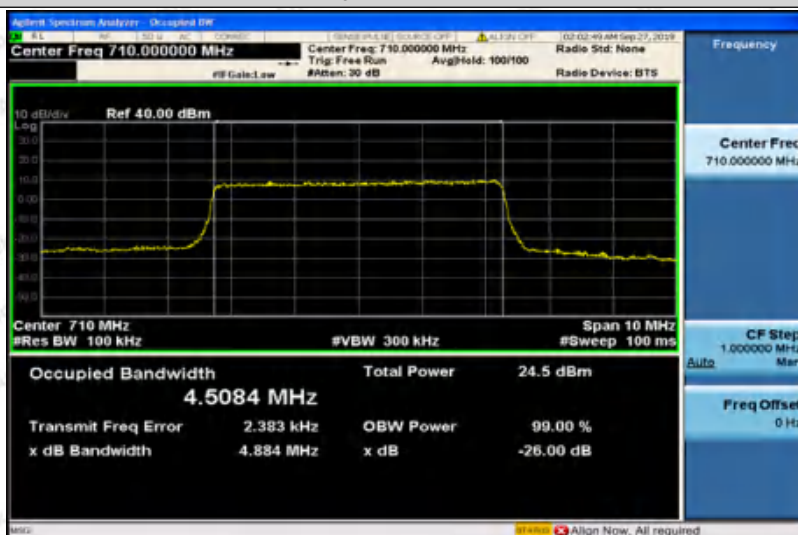
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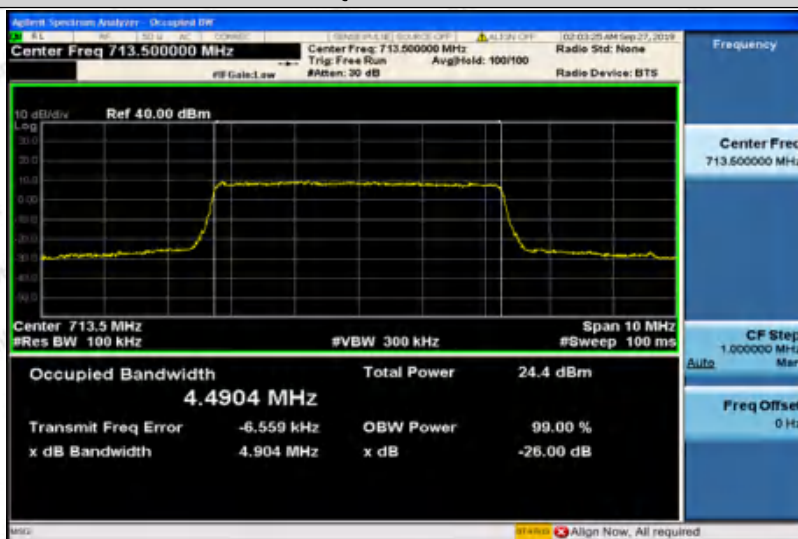
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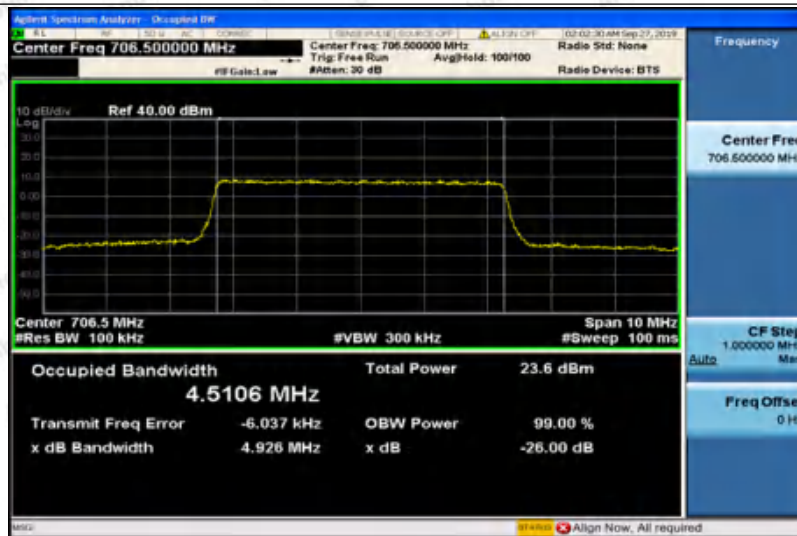
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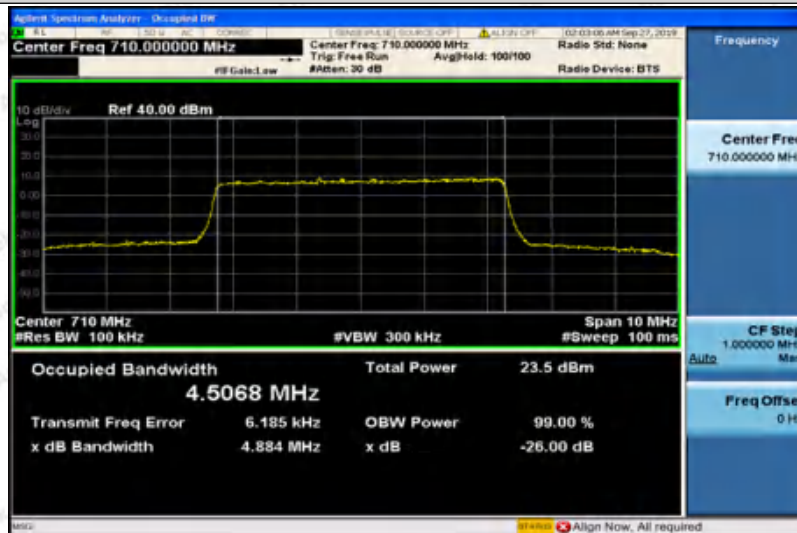
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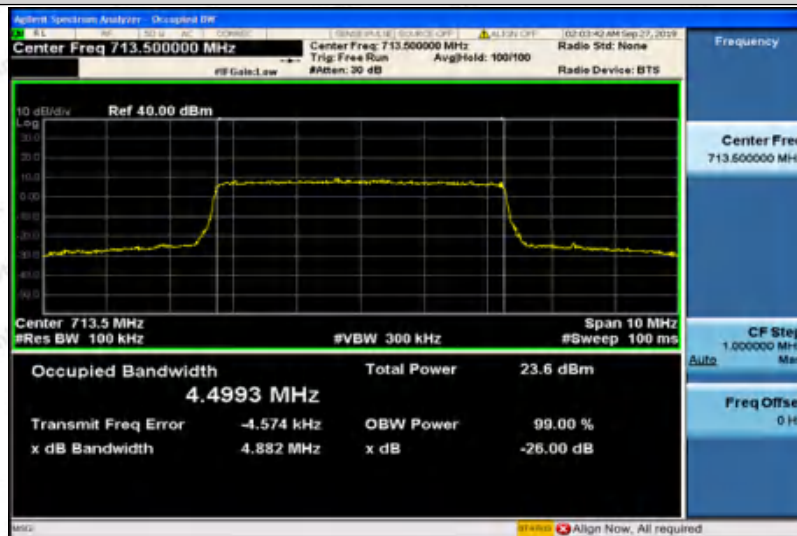
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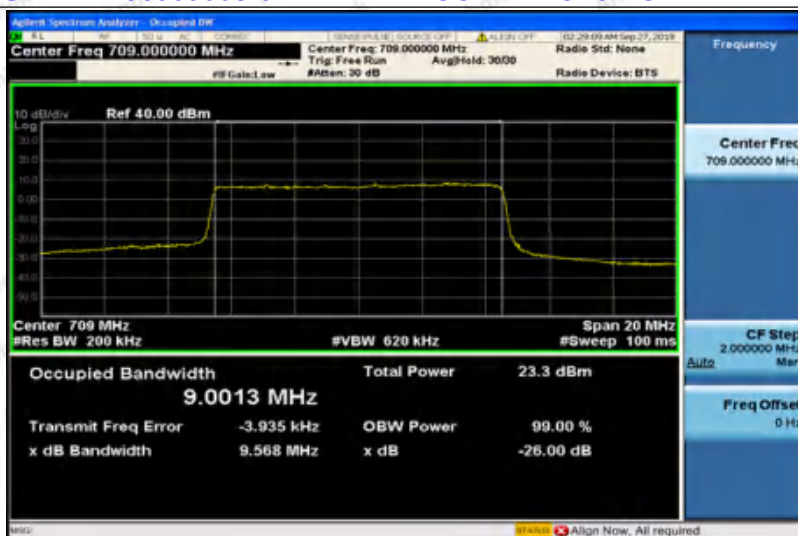
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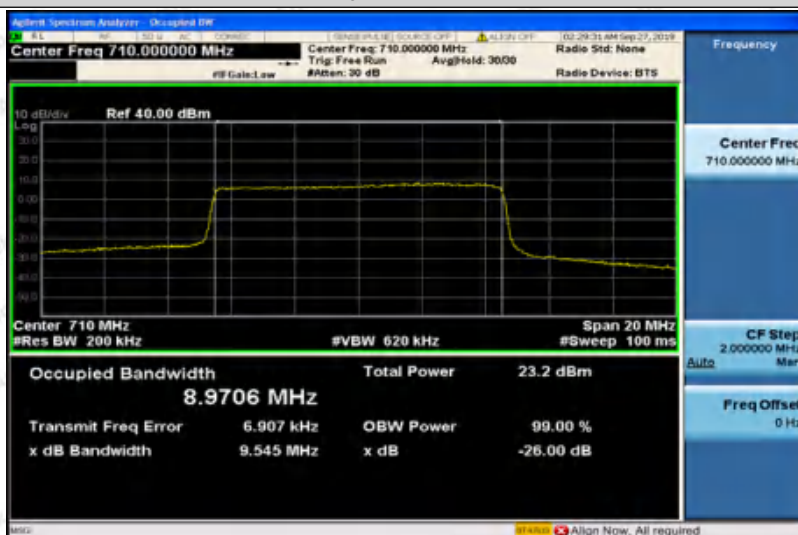
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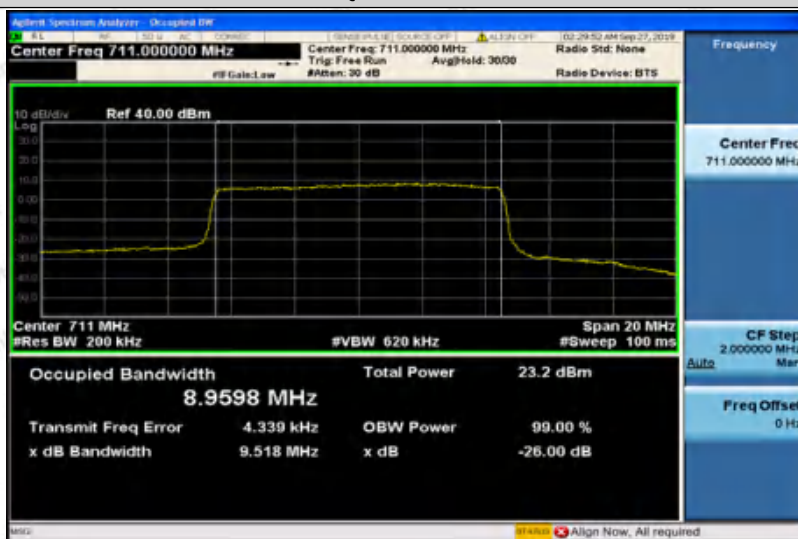
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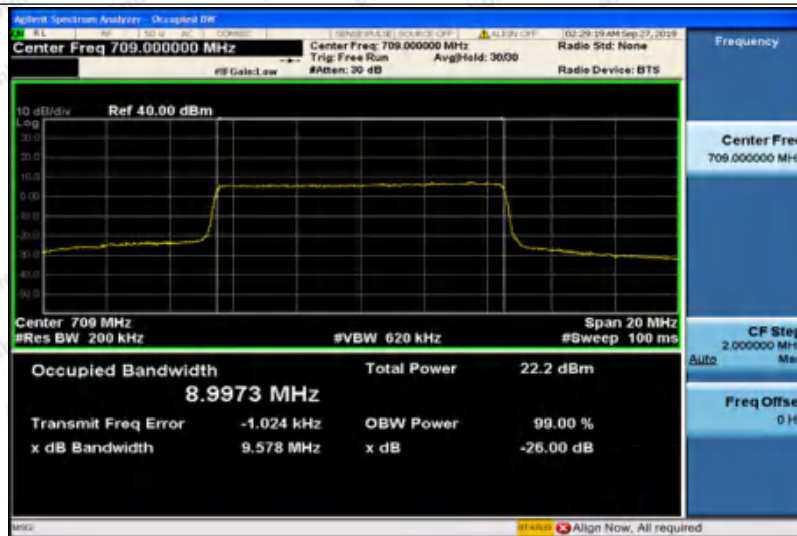
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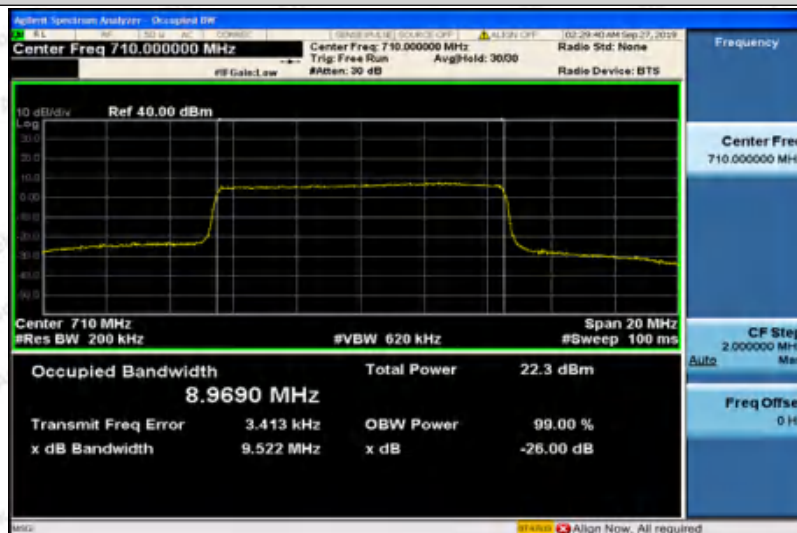
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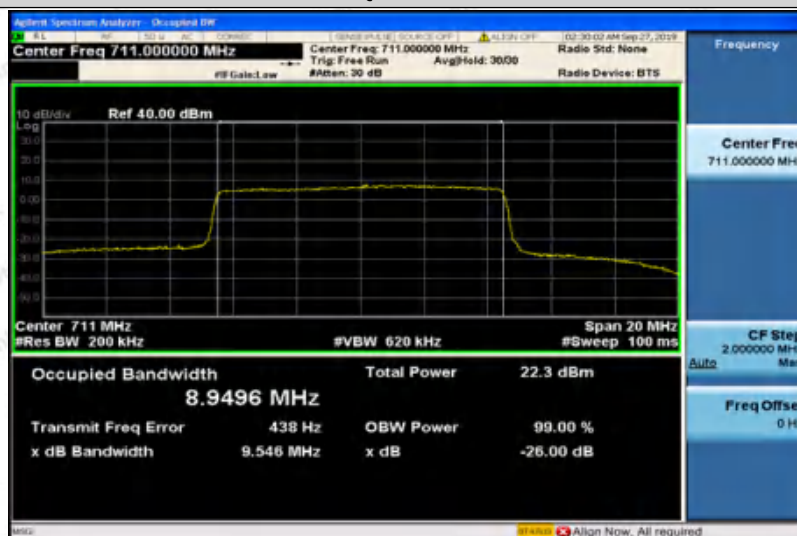
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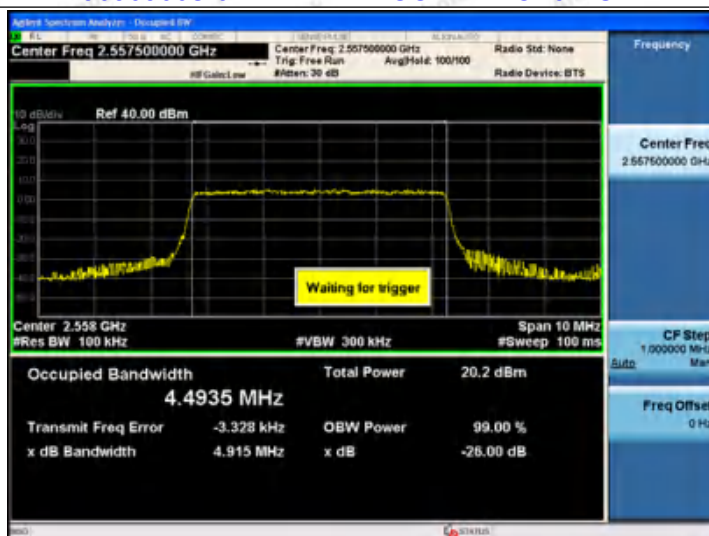
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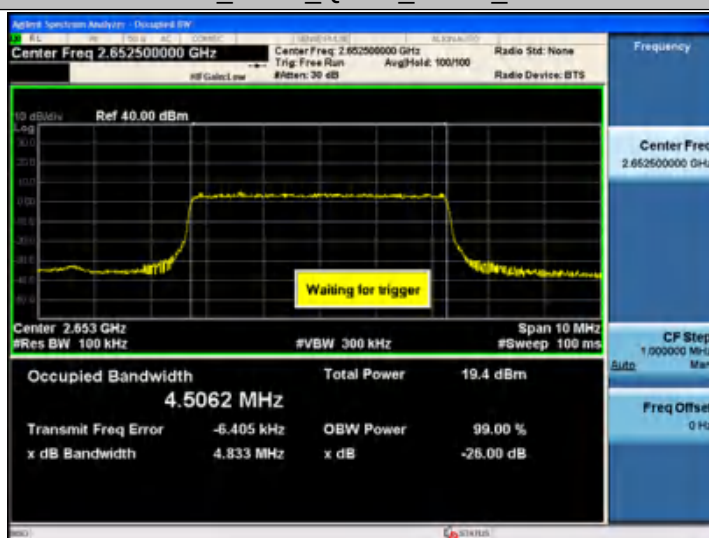
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Band41_5MHz_16QAM_40265_25RB#0



Band41_5MHz_16QAM_40690_25RB#0



Band41_5MHz_16QAM_41215_25RB#0



Band41_10MHz_QPSK_40290_50RB#0



Band41_10MHz_QPSK_40690_50RB#0



Band41_10MHz_QPSK_41190_50RB#0



Band41_10MHz_16QAM_40290_50RB#0



Band41_10MHz_16QAM_40690_50RB#0



Band41_10MHz_16QAM_41190_50RB#0



Band41_15MHz_QPSK_40315_75RB#0

Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

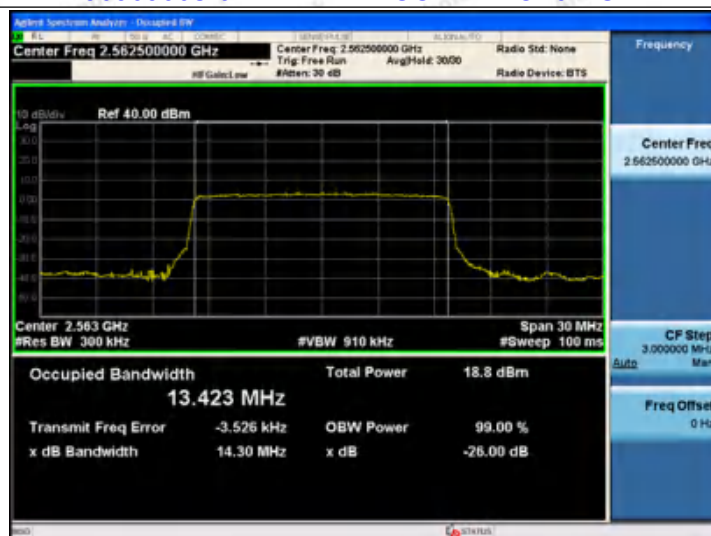
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com



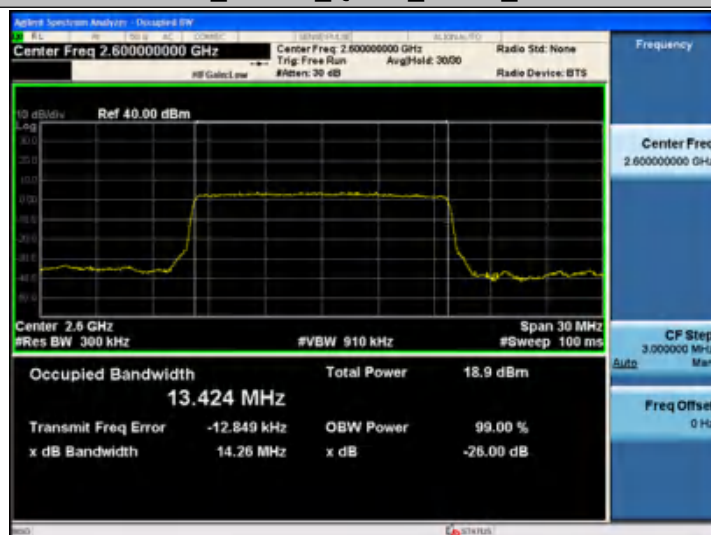
Hotline

400-003-0500

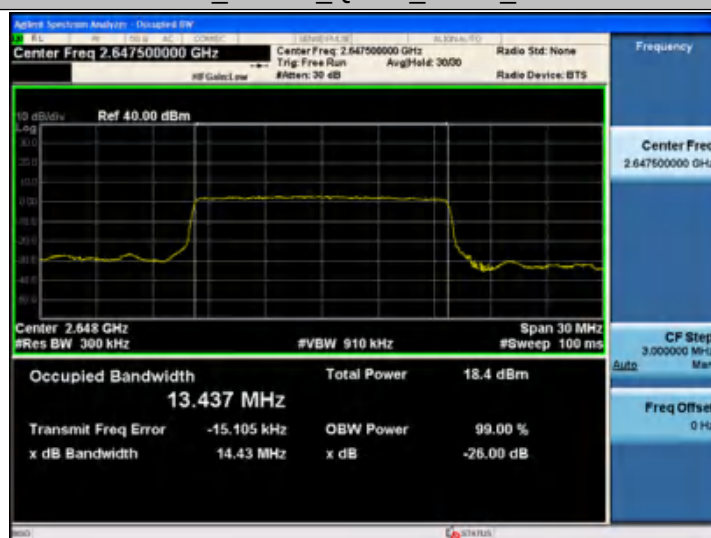
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Band41_15MHz_QPSK_40690_75RB#0



Band41_15MHz_QPSK_41165_75RB#0



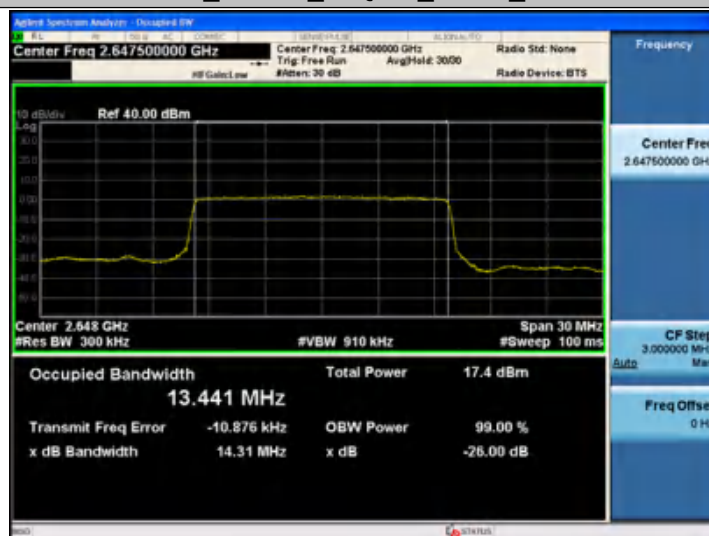
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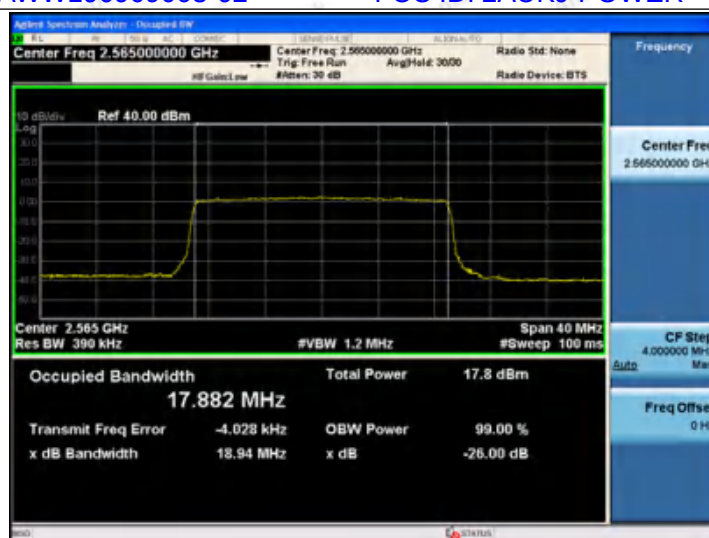
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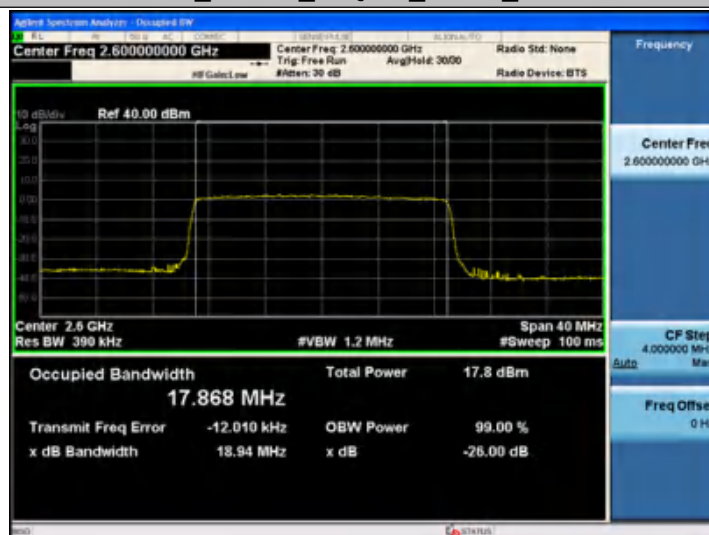
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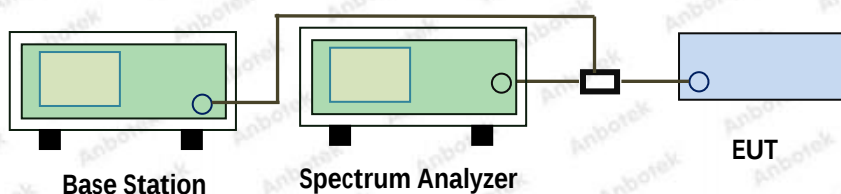


7. Spurious Emissions at Antenna Terminals

7.1. Test Standard and Limit

The mean power of emissions must be attenuated below the mean power of the unmodulated carrier (P) on any frequency outside the frequency band by at least $(43 + 10 \log P)$ dB, in this case, -13dBm.

7.2. Test Setup



7.3. Test Procedure

1. The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation.
2. The resolution bandwidth of the spectrum analyzer was set at 1MHz, sufficient scans were taken to show the out of band Emissions if any up to 10th harmonic.
3. For the out of band: Set the RBW= 1MHz, VBW = 3MHz, Start=30MHz, Stop= 10th harmonic.

7.4. Test Data

Band	Channel	Frequency Range(Mhz)	Value(dBm)	Limit(dBm)	Verdict
GPRS850	128	0.009~0.15	-58.61	-33	PASS
GPRS850	128	0.15~30	-48.62	-13	PASS
GPRS850	128	1000~5000	-43.39	-13	PASS
GPRS850	128	5000~12000	-48.77	-13	PASS
GPRS850	128	12000~18000	-51.03	-13	PASS
GPRS850	190	0.009~0.15	-57.37	-33	PASS
GPRS850	190	0.15~30	-50.43	-13	PASS
GPRS850	190	1000~5000	-36.64	-13	PASS
GPRS850	190	5000~12000	-48.91	-13	PASS
GPRS850	190	12000~18000	-50.98	-13	PASS
GPRS850	251	0.009~0.15	-54.38	-33	PASS
GPRS850	251	0.15~30	-48.57	-13	PASS
GPRS850	251	1000~5000	-39.18	-13	PASS
GPRS850	251	5000~12000	-45.48	-13	PASS
GPRS850	251	12000~18000	-50.95	-13	PASS
EGPRS850	128	0.009~0.15	-59.21	-33	PASS
EGPRS850	128	0.15~30	-49.28	-13	PASS
EGPRS850	128	1000~5000	-43.42	-13	PASS
EGPRS850	128	5000~12000	-56.93	-13	PASS

EGPRS850	128	12000~18000	-51.10	-13	PASS
EGPRS850	190	0.009~0.15	-59.05	-33	PASS
EGPRS850	190	0.15~30	-48.60	-13	PASS
EGPRS850	190	1000~5000	-43.26	-13	PASS
EGPRS850	190	5000~12000	-56.94	-13	PASS
EGPRS850	190	12000~18000	-51.10	-13	PASS
EGPRS850	251	0.009~0.15	-58.72	-33	PASS
EGPRS850	251	0.15~30	-43.30	-13	PASS
EGPRS850	251	1000~5000	-43.30	-13	PASS
EGPRS850	251	5000~12000	-57.06	-13	PASS
EGPRS850	251	12000~18000	-50.87	-13	PASS
GPRS1900	512	0.009~0.15	-58.46	-43	PASS
GPRS1900	512	0.15~30	-50.87	-23	PASS
GPRS1900	512	30~1000	-38.56	-13	PASS
GPRS1900	512	1000~5000	-43.36	-13	PASS
GPRS1900	512	5000~12000	-51.51	-13	PASS
GPRS1900	512	12000~26500	-44.26	-13	PASS
GPRS1900	661	0.009~0.15	-57.20	-43	PASS
GPRS1900	661	0.15~30	-49.07	-23	PASS
GPRS1900	661	30~1000	-37.94	-13	PASS
GPRS1900	661	1000~5000	-43.30	-13	PASS
GPRS1900	661	5000~12000	-52.78	-13	PASS
GPRS1900	661	12000~26500	-44.44	-13	PASS
GPRS1900	810	0.009~0.15	-58.38	-43	PASS
GPRS1900	810	0.15~30	-49.05	-23	PASS
GPRS1900	810	30~1000	-38.39	-13	PASS
GPRS1900	810	1000~5000	-43.28	-13	PASS
GPRS1900	810	5000~12000	-49.47	-13	PASS
GPRS1900	810	12000~26500	-44.37	-13	PASS
EGPRS1900	512	0.009~0.15	-60.15	-43	PASS
EGPRS1900	512	0.15~30	-48.71	-23	PASS
EGPRS1900	512	30~1000	-38.43	-13	PASS
EGPRS1900	512	1000~5000	-43.23	-13	PASS
EGPRS1900	512	5000~12000	-54.75	-13	PASS
EGPRS1900	512	12000~26500	-44.27	-13	PASS
EGPRS1900	661	0.009~0.15	-58.10	-43	PASS
EGPRS1900	661	0.15~30	-49.83	-23	PASS
EGPRS1900	661	30~1000	-38.23	-13	PASS
EGPRS1900	661	1000~5000	-43.41	-13	PASS
EGPRS1900	661	5000~12000	-53.65	-13	PASS
EGPRS1900	661	12000~26500	-44.30	-13	PASS
EGPRS1900	810	0.009~0.15	-59.80	-43	PASS

EGPRS1900	810	0.15~30	-50.19	-23	PASS
EGPRS1900	810	30~1000	-38.40	-13	PASS
EGPRS1900	810	1000~5000	-43.33	-13	PASS
EGPRS1900	810	5000~12000	-54.17	-13	PASS
EGPRS1900	810	12000~26500	-44.31	-13	PASS

Band	Channel	Frequency Rang(Mhz)	Value(dBm)	Limit(dBm)	Verdict
Band II	9262	0.009~0.15	-59.35	-43	PASS
Band II	9262	0.15~30	-40.79	-23	PASS
Band II	9262	30~1000	-38.94	-13	PASS
Band II	9262	1000~3000	-44.25	-13	PASS
Band II	9262	3000~10000	-56.20	-13	PASS
Band II	9262	10000~20000	-50.76	-13	PASS
Band II	9400	0.009~0.15	-56.92	-43	PASS
Band II	9400	0.15~30	-41.48	-23	PASS
Band II	9400	30~1000	-38.47	-13	PASS
Band II	9400	1000~3000	-44.28	-13	PASS
Band II	9400	3000~10000	-57.86	-13	PASS
Band II	9400	10000~20000	-50.86	-13	PASS
Band II	9538	0.009~0.15	-58.98	-43	PASS
Band II	9538	0.15~30	-48.29	-23	PASS
Band II	9538	30~1000	-41.28	-13	PASS
Band II	9538	1000~3000	-44.26	-13	PASS
Band II	9538	3000~10000	-57.69	-13	PASS
Band II	9538	10000~20000	-50.72	-13	PASS
Band V	4132	0.009~0.15	-59.01	-43	PASS
Band V	4132	0.15~30	-40.77	-23	PASS
Band V	4132	30~1000	-38.25	-13	PASS
Band V	4132	1000~3000	-43.84	-13	PASS
Band V	4132	3000~10000	-57.70	-13	PASS
Band V	4132	10000~18000	-51.04	-13	PASS
Band V	4182	0.009~0.15	-58.71	-43	PASS
Band V	4182	0.15~30	-42.09	-23	PASS
Band V	4182	30~1000	-38.83	-13	PASS
Band V	4182	1000~3000	-43.90	-13	PASS
Band V	4182	3000~10000	-57.59	-13	PASS
Band V	4182	10000~18000	-50.96	-13	PASS
Band V	4233	0.009~0.15	-59.00	-43	PASS
Band V	4233	0.15~30	-42.00	-23	PASS
Band V	4233	30~1000	-38.58	-13	PASS
Band V	4233	1000~3000	-43.92	-13	PASS
Band V	4233	3000~10000	-57.71	-13	PASS

Band V	4233	10000~18000	-50.94	-13	PASS
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Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	Range1:30~1000MHz	-38.23	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:1000~5000MHz	-41.55	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range3:5000~12000MHz	-56.37	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range4:12000~26500MHz	-56.21	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-37.78	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:1000~5000MHz	-41.44	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range3:5000~12000MHz	-56.66	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range4:12000~26500MHz	-55.87	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:30~1000MHz	-37.64	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:1000~5000MHz	-37.55	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range3:5000~12000MHz	-56.53	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range4:12000~26500MHz	-56.01	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:30~1000MHz	-38.05	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:1000~5000MHz	-41.52	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range3:5000~12000MHz	-56.36	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range4:12000~26500MHz	-55.9	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-37.43	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:1000~5000MHz	-41.66	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range3:5000~12000MHz	-56.63	PASS

Band2	1.4MHz	16QAM	18900	1RB#0	Range4:12000~26500MHz	-56.02	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:30~1000MHz	-37.09	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:1000~5000MHz	-38.64	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range3:5000~12000MHz	-56.57	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range4:12000~26500MHz	-56.14	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range1:30~1000MHz	-37.3	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range2:1000~5000MHz	-41.63	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range3:5000~12000MHz	-56.6	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range4:12000~26500MHz	-56.23	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-37.75	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range2:1000~5000MHz	-41.34	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range3:5000~12000MHz	-56.66	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range4:12000~26500MHz	-56.24	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range1:30~1000MHz	-38.02	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range2:1000~5000MHz	-38.57	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range3:5000~12000MHz	-56.44	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range4:12000~26500MHz	-55.82	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range1:30~1000MHz	-38.22	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range2:1000~5000MHz	-37.27	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range3:5000~12000MHz	-53.6	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range4:12000~26500MHz	-56.02	PASS
Band2	3MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-37.61	PASS

					0MHz		
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Band2	3MHz	16QAM	18900	1RB#0	Range4:12000~26500MHz	-55.96	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range1:30~1000MHz	-37.86	PASS
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Band2	3MHz	16QAM	19185	1RB#0	Range3:5000~12000MHz	-56.55	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range4:12000~26500MHz	-55.77	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range1:30~1000MHz	-37.79	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range2:1000~5000MHz	-36.42	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range3:5000~12000MHz	-56.6	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range4:12000~26500MHz	-55.7	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-37.51	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range2:1000~5000MHz	-41.57	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range3:5000~12000MHz	-56.7	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range4:12000~26500MHz	-56.03	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range1:30~1000MHz	-38.15	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range2:1000~5000MHz	-38.95	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range3:5000~12000MHz	-56.55	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range4:12000~26500MHz	-55.84	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range1:30~1000MHz	-37.48	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range2:1000~5000MHz	-37.69	PASS

Band2	5MHz	16QAM	18625	1RB#0	Range3:5000~12000MHz	-56.52	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range4:12000~26500MHz	-56.2	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-37.95	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range2:1000~5000MHz	-41.6	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range3:5000~12000MHz	-56.42	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range4:12000~26500MHz	-55.88	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range1:30~1000MHz	-37.66	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range2:1000~5000MHz	-39.55	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range3:5000~12000MHz	-56.65	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range4:12000~26500MHz	-56.08	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range1:30~1000MHz	-37.62	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range2:1000~5000MHz	-41.69	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range3:5000~12000MHz	-56.69	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range4:12000~26500MHz	-55.96	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-37.16	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range2:1000~5000MHz	-30.29	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range3:5000~12000MHz	-56.74	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range4:12000~26500MHz	-55.99	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range1:30~1000MHz	-37.68	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range2:1000~5000MHz	-41.65	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range3:5000~12000MHz	-56.45	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range4:12000~	-56.13	PASS

					26500MHz		
Band2	10MHz	16QAM	18650	1RB#0	Range1:30~100 0MHz	-38.25	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range2:1000~5 000MHz	-41.53	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range3:5000~1 2000MHz	-56.65	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range4:12000~ 26500MHz	-56.03	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range1:30~100 0MHz	-37.54	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range2:1000~5 000MHz	-41.41	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range3:5000~1 2000MHz	-56.56	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range4:12000~ 26500MHz	-56	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range1:30~100 0MHz	-37.33	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range2:1000~5 000MHz	-41.59	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range3:5000~1 2000MHz	-56.77	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range4:12000~ 26500MHz	-56.15	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range1:30~100 0MHz	-37.53	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range2:1000~5 000MHz	-41.58	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range3:5000~1 2000MHz	-56.66	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range4:12000~ 26500MHz	-56.12	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range1:30~100 0MHz	-37.44	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range2:1000~5 000MHz	-41.47	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range3:5000~1 2000MHz	-56.64	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range4:12000~ 26500MHz	-56.07	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range1:30~100 0MHz	-38.16	PASS

Band2	15MHz	QPSK	19125	1RB#0	Range2:1000~5000MHz	-41.63	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range3:5000~12000MHz	-56.67	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range4:12000~26500MHz	-55.88	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range1:30~1000MHz	-37.37	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range2:1000~5000MHz	-41.69	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range3:5000~12000MHz	-56.3	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range4:12000~26500MHz	-56.1	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-38.03	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range2:1000~5000MHz	-41.62	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range3:5000~12000MHz	-56.65	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range4:12000~26500MHz	-55.98	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range1:30~1000MHz	-37.84	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range2:1000~5000MHz	-41.63	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range3:5000~12000MHz	-56.7	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range4:12000~26500MHz	-56	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-37.52	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~5000MHz	-41.61	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range3:5000~12000MHz	-56.51	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range4:12000~26500MHz	-55.9	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-37.28	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~5000MHz	-41.62	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range3:5000~12000MHz	-56.64	PASS

					2000MHz		
Band2	20MHz	QPSK	18900	1RB#0	Range4:12000~26500MHz	-56.2	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-38	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~5000MHz	-41.42	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range3:5000~12000MHz	-56.7	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range4:12000~26500MHz	-56.02	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-37.46	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~5000MHz	-41.62	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range3:5000~12000MHz	-56.57	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range4:12000~26500MHz	-56.1	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-37.71	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~5000MHz	-41.61	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range3:5000~12000MHz	-56.56	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range4:12000~26500MHz	-55.86	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-37.77	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~5000MHz	-41.51	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range3:5000~12000MHz	-56.73	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range4:12000~26500MHz	-56.08	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000MHz	-37.82	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~5000MHz	-41.47	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range3:5000~12000MHz	-54.98	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range4:12000~26500MHz	-56.08	PASS

Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~100 0MHz	-38.05	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~5 000MHz	-41.55	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range3:5000~1 2000MHz	-56.56	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range4:12000~ 26500MHz	-55.98	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~100 0MHz	-38.09	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~5 000MHz	-41.52	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range3:5000~1 2000MHz	-56.62	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range4:12000~ 26500MHz	-56.02	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~100 0MHz	-38.02	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~5 000MHz	-41.66	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range3:5000~1 2000MHz	-55.84	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range4:12000~ 26500MHz	-55.97	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~100 0MHz	-38.06	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~5 000MHz	-41.62	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range3:5000~1 2000MHz	-56.49	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range4:12000~ 26500MHz	-56.14	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~100 0MHz	-37.43	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~5 000MHz	-41.62	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range3:5000~1 2000MHz	-56.63	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range4:12000~ 26500MHz	-55.91	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:30~100 0MHz	-37.35	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:1000~5	-38.97	PASS

					000MHz		
Band4	3MHz	QPSK	19965	1RB#0	Range3:5000~1 2000MHz	-50.58	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range4:12000~ 26500MHz	-56.01	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range1:30~100 0MHz	-36.57	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range2:1000~5 000MHz	-41.68	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range3:5000~1 2000MHz	-51.92	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range4:12000~ 26500MHz	-56.08	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:30~100 0MHz	-37.66	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:1000~5 000MHz	-41.4	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range3:5000~1 2000MHz	-52.47	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range4:12000~ 26500MHz	-56	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range1:30~100 0MHz	-37.38	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:1000~5 000MHz	-39.32	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range3:5000~1 2000MHz	-50.91	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range4:12000~ 26500MHz	-56.08	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:30~100 0MHz	-35.98	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:1000~5 000MHz	-39.24	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range3:5000~1 2000MHz	-53.09	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range4:12000~ 26500MHz	-56	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range1:30~100 0MHz	-36.81	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:1000~5 000MHz	-39.66	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range3:5000~1 2000MHz	-53.28	PASS

Band4	3MHz	16QAM	20385	1RB#0	Range4:12000~26500MHz	-55.91	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:30~1000MHz	-37.2	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range2:1000~5000MHz	-41.74	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range3:5000~12000MHz	-50.82	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range4:12000~26500MHz	-56.09	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-37.64	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:1000~5000MHz	-41.53	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range3:5000~12000MHz	-51.43	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range4:12000~26500MHz	-56.04	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:30~1000MHz	-37.13	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:1000~5000MHz	-41.69	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range3:5000~12000MHz	-52.11	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range4:12000~26500MHz	-56.09	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range1:30~1000MHz	-37.19	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:1000~5000MHz	-41.56	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range3:5000~12000MHz	-52.18	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range4:12000~26500MHz	-56.13	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-37.48	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range2:1000~5000MHz	-41.44	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range3:5000~12000MHz	-52.94	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range4:12000~26500MHz	-56.2	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range1:30~1000MHz	-37.72	PASS

					0MHz		
Band4	5MHz	16QAM	20375	1RB#0	Range2:1000~5000MHz	-41.7	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range3:5000~12000MHz	-52.82	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range4:12000~26500MHz	-56.19	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range1:30~1000MHz	-37.45	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range2:1000~5000MHz	-41.51	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range3:5000~12000MHz	-49.16	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range4:12000~26500MHz	-56.02	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-37.76	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range2:1000~5000MHz	-41.67	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range3:5000~12000MHz	-52.4	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range4:12000~26500MHz	-56.01	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range1:30~1000MHz	-37.21	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range2:1000~5000MHz	-41.53	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range3:5000~12000MHz	-51.67	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range4:12000~26500MHz	-56.06	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range1:30~1000MHz	-37.87	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range2:1000~5000MHz	-41.52	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range3:5000~12000MHz	-50.21	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range4:12000~26500MHz	-55.96	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-37.35	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range2:1000~5000MHz	-41.48	PASS

Band4	10MHz	16QAM	20175	1RB#0	Range3:5000~1 2000MHz	-52.93	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range4:12000~ 26500MHz	-56.11	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range1:30~100 0MHz	-37.94	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range2:1000~5 000MHz	-41.55	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range3:5000~1 2000MHz	-52.4	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range4:12000~ 26500MHz	-55.89	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range1:30~100 0MHz	-37.87	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range2:1000~5 000MHz	-41.64	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range3:5000~1 2000MHz	-49.25	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range4:12000~ 26500MHz	-56.07	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range1:30~100 0MHz	-37.93	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range2:1000~5 000MHz	-41.49	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range3:5000~1 2000MHz	-51.56	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range4:12000~ 26500MHz	-56.1	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range1:30~100 0MHz	-37.48	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range2:1000~5 000MHz	-41.61	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range3:5000~1 2000MHz	-51.55	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range4:12000~ 26500MHz	-56.17	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range1:30~100 0MHz	-37.89	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range2:1000~5 000MHz	-41.49	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range3:5000~1 2000MHz	-49.9	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range4:12000~	-55.8	PASS

					26500MHz		
Band4	15MHz	16QAM	20175	1RB#0	Range1:30~100 0MHz	-37.59	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range2:1000~5 000MHz	-41.55	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range3:5000~1 2000MHz	-52.61	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range4:12000~ 26500MHz	-55.86	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range1:30~100 0MHz	-37.73	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range2:1000~5 000MHz	-41.42	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range3:5000~1 2000MHz	-52.2	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range4:12000~ 26500MHz	-55.96	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:30~100 0MHz	-37.56	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~5 000MHz	-41.56	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range3:5000~1 2000MHz	-49.35	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range4:12000~ 26500MHz	-55.97	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~100 0MHz	-37.79	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~5 000MHz	-41.56	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range3:5000~1 2000MHz	-51.83	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range4:12000~ 26500MHz	-55.84	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~100 0MHz	-37.94	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~5 000MHz	-41.46	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range3:5000~1 2000MHz	-51.83	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range4:12000~ 26500MHz	-56.03	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~100 0MHz	-37.36	PASS

Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~5000MHz	-41.62	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range3:5000~12000MHz	-50.09	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range4:12000~26500MHz	-55.84	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-37.64	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~5000MHz	-41.58	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range3:5000~12000MHz	-52.38	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range4:12000~26500MHz	-56.08	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-37.91	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~5000MHz	-41.57	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range3:5000~12000MHz	-53.04	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range4:12000~26500MHz	-55.94	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-38.22	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~5000MHz	-37.75	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range3:5000~12000MHz	-56.25	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range4:12000~26500MHz	-55.91	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-37.84	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~5000MHz	-39.65	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range3:5000~12000MHz	-52.29	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range4:12000~26500MHz	-55.85	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-38.1	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~5000MHz	-38.47	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range3:5000~12000MHz	-48.88	PASS

					2000MHz		
Band5	1.4MHz	QPSK	20643	1RB#0	Range4:12000~26500MHz	-55.95	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-38.28	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~5000MHz	-38.36	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range3:5000~12000MHz	-56.62	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range4:12000~26500MHz	-55.76	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-38.74	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~5000MHz	-40.01	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range3:5000~12000MHz	-52.61	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range4:12000~26500MHz	-56.07	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-38.54	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~5000MHz	-38.75	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range3:5000~12000MHz	-49.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range4:12000~26500MHz	-55.83	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:30~1000MHz	-37.91	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:1000~5000MHz	-37.69	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range3:5000~12000MHz	-56.55	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range4:12000~26500MHz	-56	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-37.95	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:1000~5000MHz	-39.68	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range3:5000~12000MHz	-51.85	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range4:12000~26500MHz	-56.12	PASS

Band5	3MHz	QPSK	20635	1RB#0	Range1:30~100 0MHz	-37.78	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range2:1000~5 000MHz	-38.04	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range3:5000~1 2000MHz	-49.22	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range4:12000~ 26500MHz	-55.99	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:30~100 0MHz	-36.85	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:1000~5 000MHz	-38	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range3:5000~1 2000MHz	-56.49	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range4:12000~ 26500MHz	-55.91	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:30~100 0MHz	-39.02	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:1000~5 000MHz	-40.14	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range3:5000~1 2000MHz	-52.5	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range4:12000~ 26500MHz	-55.94	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:30~100 0MHz	-38.56	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:1000~5 000MHz	-38.57	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range3:5000~1 2000MHz	-50.14	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range4:12000~ 26500MHz	-56.13	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:30~100 0MHz	-36.75	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:1000~5 000MHz	-37.25	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range3:5000~1 2000MHz	-56.63	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range4:12000~ 26500MHz	-56	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:30~100 0MHz	-37.7	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:1000~5	-39.22	PASS

					000MHz		
Band5	5MHz	QPSK	20525	1RB#0	Range3:5000~12000MHz	-51.99	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range4:12000~26500MHz	-56.09	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:30~1000MHz	-38.79	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:1000~5000MHz	-38.07	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range3:5000~12000MHz	-49.66	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range4:12000~26500MHz	-56.15	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:30~1000MHz	-37.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:1000~5000MHz	-38.15	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range3:5000~12000MHz	-55.71	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range4:12000~26500MHz	-56.16	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-37.13	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:1000~5000MHz	-39.5	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range3:5000~12000MHz	-52.38	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range4:12000~26500MHz	-55.94	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:30~1000MHz	-38.19	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range2:1000~5000MHz	-38.85	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range3:5000~12000MHz	-50.29	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range4:12000~26500MHz	-55.92	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-38.09	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~5000MHz	-37.46	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range3:5000~12000MHz	-56.56	PASS

Band5	10MHz	QPSK	20450	1RB#0	Range4:12000~26500MHz	-55.98	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-37.64	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~5000MHz	-38.55	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range3:5000~12000MHz	-56.53	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range4:12000~26500MHz	-55.79	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-38.62	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~5000MHz	-39.51	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range3:5000~12000MHz	-51.74	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range4:12000~26500MHz	-56.05	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-37.98	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~5000MHz	-37.8	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range3:5000~12000MHz	-56.69	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range4:12000~26500MHz	-55.95	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-38.48	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~5000MHz	-39.04	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range3:5000~12000MHz	-56.36	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range4:12000~26500MHz	-55.85	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-37.77	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~5000MHz	-39.73	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range3:5000~12000MHz	-52.4	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range4:12000~26500MHz	-56.07	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range1:30~1000MHz	-37.5	PASS

					0MHz		
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~5000MHz	-41.42	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range3:5000~12000MHz	-49.21	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range4:12000~26500MHz	-56.02	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-37.48	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~5000MHz	-41.6	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range3:5000~12000MHz	-51.92	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range4:12000~26500MHz	-56.21	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-37.32	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~5000MHz	-41.41	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range3:5000~12000MHz	-49.15	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range4:12000~26500MHz	-56.05	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range1:30~1000MHz	-37.27	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:1000~5000MHz	-41.63	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range3:5000~12000MHz	-50.39	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range4:12000~26500MHz	-56.03	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-36.44	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:1000~5000MHz	-41.55	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range3:5000~12000MHz	-52.85	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range4:12000~26500MHz	-56	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:30~1000MHz	-36.2	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:1000~5000MHz	-41.72	PASS

Band7	5MHz	16QAM	21425	1RB#0	Range3:5000~12000MHz	-49.85	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range4:12000~26500MHz	-56.13	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range1:30~1000MHz	-37.59	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range2:1000~5000MHz	-41.75	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range3:5000~12000MHz	-49.52	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range4:12000~26500MHz	-56.09	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-37.49	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range2:1000~5000MHz	-41.75	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range3:5000~12000MHz	-53.37	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range4:12000~26500MHz	-56.05	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range1:30~1000MHz	-37.11	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range2:1000~5000MHz	-41.65	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range3:5000~12000MHz	-49.06	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range4:12000~26500MHz	-56.29	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range1:30~1000MHz	-37.12	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range2:1000~5000MHz	-41.72	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range3:5000~12000MHz	-50.15	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range4:12000~26500MHz	-56.05	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-37.83	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range2:1000~5000MHz	-41.61	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range3:5000~12000MHz	-53.98	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range4:12000~	-56.21	PASS

					26500MHz		
Band7	10MHz	16QAM	21400	1RB#0	Range1:30~100 0MHz	-37.63	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range2:1000~5 000MHz	-41.66	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range3:5000~1 2000MHz	-49.03	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range4:12000~ 26500MHz	-56.16	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range1:30~100 0MHz	-37.6	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range2:1000~5 000MHz	-41.59	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range3:5000~1 2000MHz	-48.98	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range4:12000~ 26500MHz	-56.14	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range1:30~100 0MHz	-37.54	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range2:1000~5 000MHz	-41.52	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range3:5000~1 2000MHz	-53.94	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range4:12000~ 26500MHz	-55.87	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range1:30~100 0MHz	-38.03	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range2:1000~5 000MHz	-41.66	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range3:5000~1 2000MHz	-48.37	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range4:12000~ 26500MHz	-56.02	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range1:30~100 0MHz	-37.86	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range2:1000~5 000MHz	-41.69	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range3:5000~1 2000MHz	-49.68	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range4:12000~ 26500MHz	-56.15	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range1:30~100 0MHz	-37.08	PASS

Band7	15MHz	16QAM	21100	1RB#0	Range2:1000~5000MHz	-41.47	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range3:5000~12000MHz	-55.03	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range4:12000~26500MHz	-55.84	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range1:30~1000MHz	-37.8	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range2:1000~5000MHz	-41.61	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range3:5000~12000MHz	-48.93	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range4:12000~26500MHz	-56.04	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-37.34	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~5000MHz	-41.68	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range3:5000~12000MHz	-49.19	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range4:12000~26500MHz	-56.07	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-37.11	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~5000MHz	-41.71	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range3:5000~12000MHz	-55.16	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range4:12000~26500MHz	-56.19	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-37.51	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~5000MHz	-41.45	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range3:5000~12000MHz	-47.57	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range4:12000~26500MHz	-56.03	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-38.44	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~5000MHz	-41.61	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range3:5000~12000MHz	-49.36	PASS

					2000MHz		
Band7	20MHz	16QAM	20850	1RB#0	Range4:12000~26500MHz	-56	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-38.16	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~5000MHz	-41.64	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range3:5000~12000MHz	-55.46	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range4:12000~26500MHz	-56.09	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-37.2	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~5000MHz	-41.62	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range3:5000~12000MHz	-48.15	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range4:12000~26500MHz	-56.06	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-36.37	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~5000MHz	-38.19	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range3:5000~12000MHz	-56.61	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range4:12000~26500MHz	-56.36	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-37.43	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~5000MHz	-37.66	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range3:5000~12000MHz	-56.5	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range4:12000~26500MHz	-56.35	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-37.33	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~5000MHz	-37.38	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range3:5000~12000MHz	-56.74	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range4:12000~26500MHz	-56.28	PASS

Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~100 0MHz	-37.44	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~5 000MHz	-38.55	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range3:5000~1 2000MHz	-56.58	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range4:12000~ 26500MHz	-56.3	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~100 0MHz	-37.6	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~5 000MHz	-38.95	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range3:5000~1 2000MHz	-56.61	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range4:12000~ 26500MHz	-56.23	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~100 0MHz	-38.43	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~5 000MHz	-40.51	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range3:5000~1 2000MHz	-56.56	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range4:12000~ 26500MHz	-56.3	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:30~100 0MHz	-37.88	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:1000~5 000MHz	-37.7	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range3:5000~1 2000MHz	-56.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range4:12000~ 26500MHz	-56.1	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:30~100 0MHz	-37.63	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:1000~5 000MHz	-38.2	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range3:5000~1 2000MHz	-56.73	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range4:12000~ 26500MHz	-56	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:30~100 0MHz	-37.01	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:1000~5	-39.18	PASS