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Appendix B.13

LTE Band 66



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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	22.85	24.85	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	22.92	24.92	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	22.95	24.95	30	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.02	24.02	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	22.93	24.93	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	22.98	24.98	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	22.91	24.91	30	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	21.97	23.97	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	22.89	24.89	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	22.97	24.97	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	22.93	24.93	30	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.02	24.02	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.25	24.25	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.35	24.35	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.27	24.27	30	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.16	23.16	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.31	24.31	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.46	24.46	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.25	24.25	30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.13	23.13	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	22.19	24.19	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	22.3	24.3	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	22.12	24.12	30	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	21.07	23.07	30	PASS
Band66	3MHz	QPSK	131987	1RB#0	22.9	24.9	30	PASS
Band66	3MHz	QPSK	131987	1RB#8	22.93	24.93	30	PASS
Band66	3MHz	QPSK	131987	1RB#14	23.01	25.01	30	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.12	24.12	30	PASS
Band66	3MHz	QPSK	132322	1RB#0	22.96	24.96	30	PASS
Band66	3MHz	QPSK	132322	1RB#8	23.01	25.01	30	PASS
Band66	3MHz	QPSK	132322	1RB#14	22.96	24.96	30	PASS



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Band66	3MHz	QPSK	132322	15RB#0	22.06	24.06	30	PASS
Band66	3MHz	QPSK	132657	1RB#0	23.02	25.02	30	PASS
Band66	3MHz	QPSK	132657	1RB#8	22.96	24.96	30	PASS
Band66	3MHz	QPSK	132657	1RB#14	22.99	24.99	30	PASS
Band66	3MHz	QPSK	132657	15RB#0	22.05	24.05	30	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.31	24.31	30	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.31	24.31	30	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.34	24.34	30	PASS
Band66	3MHz	16QAM	131987	15RB#0	21.14	23.14	30	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.36	24.36	30	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.43	24.43	30	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.27	24.27	30	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.14	23.14	30	PASS
Band66	3MHz	16QAM	132657	1RB#0	22.23	24.23	30	PASS
Band66	3MHz	16QAM	132657	1RB#8	22.26	24.26	30	PASS
Band66	3MHz	16QAM	132657	1RB#14	22.3	24.3	30	PASS
Band66	3MHz	16QAM	132657	15RB#0	21.07	23.07	30	PASS
Band66	5MHz	QPSK	131997	1RB#0	22.93	24.93	30	PASS
Band66	5MHz	QPSK	131997	1RB#12	23.04	25.04	30	PASS
Band66	5MHz	QPSK	131997	1RB#24	23	25	30	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.11	24.11	30	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.02	25.02	30	PASS
Band66	5MHz	QPSK	132322	1RB#12	23	25	30	PASS
Band66	5MHz	QPSK	132322	1RB#24	23.04	25.04	30	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.04	24.04	30	PASS
Band66	5MHz	QPSK	132647	1RB#0	22.93	24.93	30	PASS
Band66	5MHz	QPSK	132647	1RB#12	22.99	24.99	30	PASS
Band66	5MHz	QPSK	132647	1RB#24	22.91	24.91	30	PASS
Band66	5MHz	QPSK	132647	25RB#0	22.03	24.03	30	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.33	24.33	30	PASS
Band66	5MHz	16QAM	131997	1RB#12	22.45	24.45	30	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.31	24.31	30	PASS
Band66	5MHz	16QAM	131997	25RB#0	21.16	23.16	30	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.29	24.29	30	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.42	24.42	30	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.41	24.41	30	PASS
Band66	5MHz	16QAM	132322	25RB#0	21.13	23.13	30	PASS



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Band66	5MHz	16QAM	132647	1RB#0	22.31	24.31	30	PASS
Band66	5MHz	16QAM	132647	1RB#12	22.22	24.22	30	PASS
Band66	5MHz	16QAM	132647	1RB#24	22.26	24.26	30	PASS
Band66	5MHz	16QAM	132647	25RB#0	21.07	23.07	30	PASS
Band66	10MHz	QPSK	132022	1RB#0	22.95	24.95	30	PASS
Band66	10MHz	QPSK	132022	1RB#24	23.12	25.12	30	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.1	25.1	30	PASS
Band66	10MHz	QPSK	132022	50RB#0	22.11	24.11	30	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.01	25.01	30	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.09	25.09	30	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.07	25.07	30	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.07	24.07	30	PASS
Band66	10MHz	QPSK	132622	1RB#0	22.99	24.99	30	PASS
Band66	10MHz	QPSK	132622	1RB#24	23.04	25.04	30	PASS
Band66	10MHz	QPSK	132622	1RB#49	22.95	24.95	30	PASS
Band66	10MHz	QPSK	132622	50RB#0	22.01	24.01	30	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.33	24.33	30	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.36	24.36	30	PASS
Band66	10MHz	16QAM	132022	1RB#49	22.46	24.46	30	PASS
Band66	10MHz	16QAM	132022	50RB#0	21.15	23.15	30	PASS
Band66	10MHz	16QAM	132322	1RB#0	22.44	24.44	30	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.35	24.35	30	PASS
Band66	10MHz	16QAM	132322	1RB#49	22.3	24.3	30	PASS
Band66	10MHz	16QAM	132322	50RB#0	21.12	23.12	30	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.35	24.35	30	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.34	24.34	30	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.34	24.34	30	PASS
Band66	10MHz	16QAM	132622	50RB#0	21.1	23.1	30	PASS
Band66	15MHz	QPSK	132047	1RB#0	22.94	24.94	30	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.07	25.07	30	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.02	25.02	30	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.02	24.02	30	PASS
Band66	15MHz	QPSK	132322	1RB#0	22.93	24.93	30	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.05	25.05	30	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.07	25.07	30	PASS
Band66	15MHz	QPSK	132322	75RB#0	22.06	24.06	30	PASS
Band66	15MHz	QPSK	132597	1RB#0	22.88	24.88	30	PASS



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Band66	15MHz	QPSK	132597	1RB#74	23.01	25.01	30	PASS
Band66	15MHz	QPSK	132597	75RB#0	22.02	24.02	30	PASS
Band66	15MHz	16QAM	132047	1RB#0	22.27	24.27	30	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.44	24.44	30	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.25	24.25	30	PASS
Band66	15MHz	16QAM	132047	75RB#0	21.09	23.09	30	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.27	24.27	30	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.32	24.32	30	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.28	24.28	30	PASS
Band66	15MHz	16QAM	132322	75RB#0	21.09	23.09	30	PASS
Band66	15MHz	16QAM	132597	1RB#0	22.21	24.21	30	PASS
Band66	15MHz	16QAM	132597	1RB#38	22.3	24.3	30	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.33	24.33	30	PASS
Band66	15MHz	16QAM	132597	75RB#0	21.03	23.03	30	PASS
Band66	20MHz	QPSK	132072	1RB#0	22.96	24.96	30	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.07	25.07	30	PASS
Band66	20MHz	QPSK	132072	1RB#99	22.99	24.99	30	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.04	24.04	30	PASS
Band66	20MHz	QPSK	132322	1RB#0	23	25	30	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.07	25.07	30	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.02	25.02	30	PASS
Band66	20MHz	QPSK	132322	100RB#0	22.07	24.07	30	PASS
Band66	20MHz	QPSK	132572	1RB#0	22.88	24.88	30	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.01	25.01	30	PASS
Band66	20MHz	QPSK	132572	1RB#99	22.97	24.97	30	PASS
Band66	20MHz	QPSK	132572	100RB#0	21.99	23.99	30	PASS
Band66	20MHz	16QAM	132072	1RB#0	22.27	24.27	30	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.35	24.35	30	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.41	24.41	30	PASS
Band66	20MHz	16QAM	132072	100RB#0	21.08	23.08	30	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.36	24.36	30	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.43	24.43	30	PASS
Band66	20MHz	16QAM	132322	1RB#99	22.36	24.36	30	PASS
Band66	20MHz	16QAM	132322	100RB#0	21.07	23.07	30	PASS
Band66	20MHz	16QAM	132572	1RB#0	22.14	24.14	30	PASS
Band66	20MHz	16QAM	132572	1RB#49	22.35	24.35	30	PASS



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Band66	20MHz	16QAM	132572	1RB#99	22.3	24.3	30	PASS
Band66	20MHz	16QAM	132572	100RB#0	21.01	23.01	30	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	5.36	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.44	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.48	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.26	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.30	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.30	13	PASS



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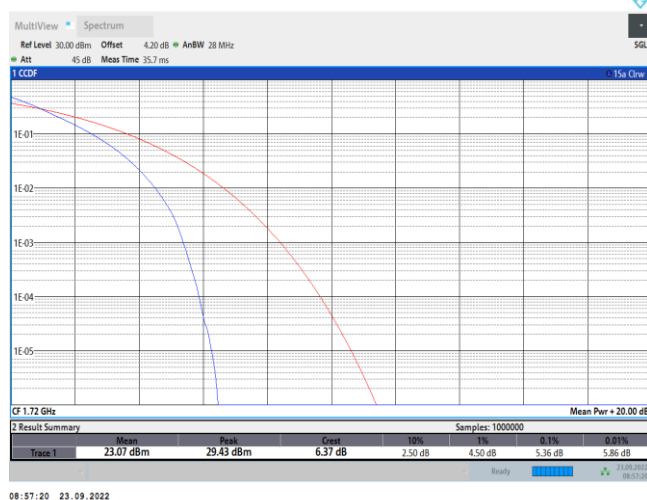
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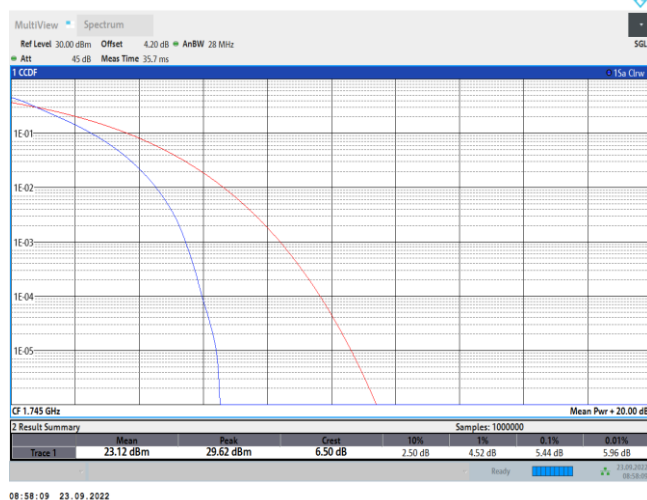
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Test Graphs

Band66-20MHz-QPSK-132072-100RB#0



Band66-20MHz-QPSK-132322-100RB#0



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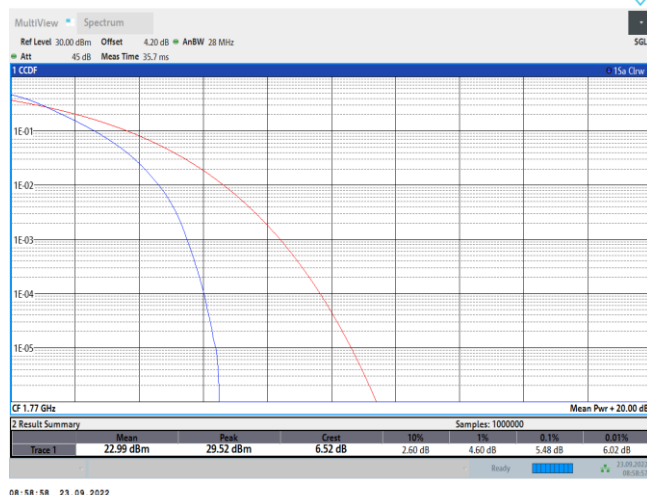
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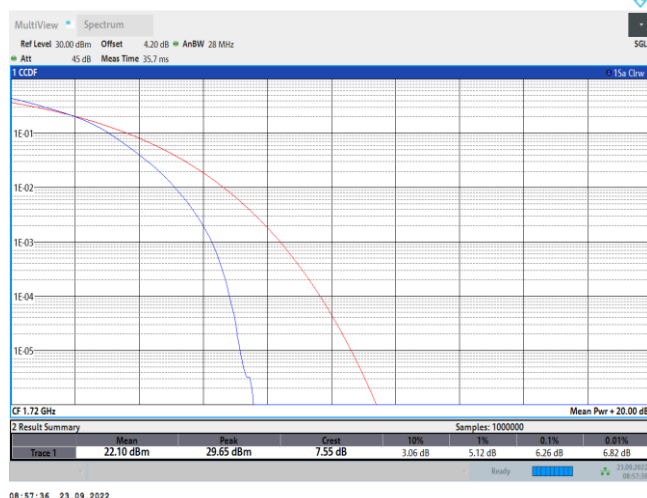
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Band66-20MHz-QPSK-132572-100RB#0



Band66-20MHz-16QAM-132072-100RB#0



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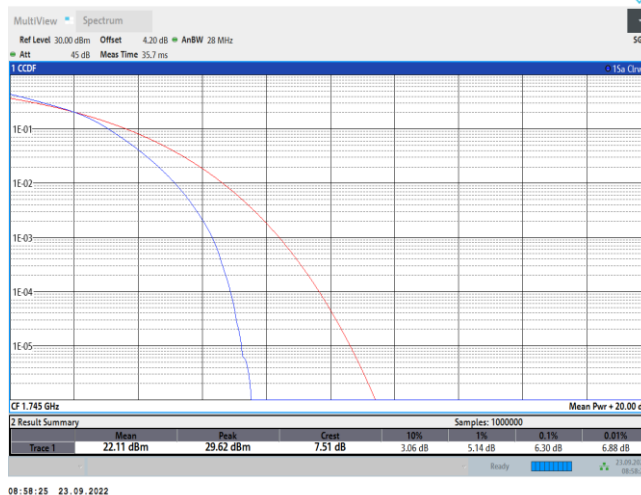
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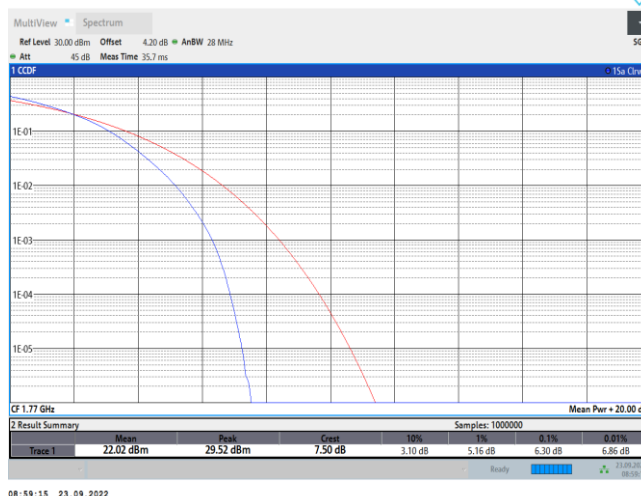
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Band66-20MHz-16QAM-132322-100RB#0



Band66-20MHz-16QAM-132572-100RB#0



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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band66	20MHz	QPSK	132322	100RB#0	PASS	PASS
Band66	20MHz	16QAM	132322	100RB#0	PASS	PASS



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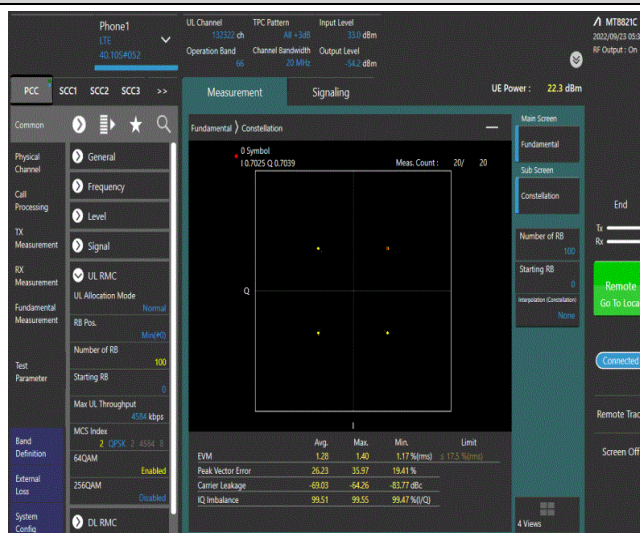
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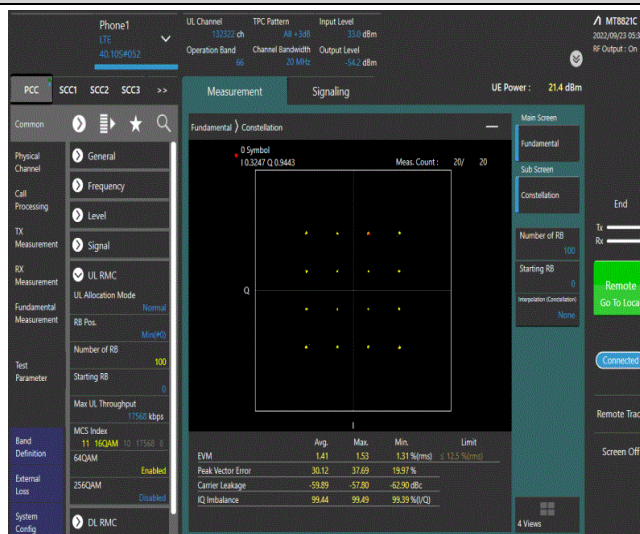
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Test Graphs

Band66-20MHz-QPSK-132322-100RB#0



Band66-20MHz-16QAM-132322-100RB#0



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.086	1.24	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.085	1.23	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.085	1.24	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.093	1.24	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.092	1.24	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.092	1.24	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.696	2.99	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.693	2.99	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.692	2.98	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.69	2.99	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.69	2.97	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.693	2.99	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.47	4.90	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.471	4.87	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.469	4.87	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.471	4.91	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.468	4.90	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.472	4.88	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.927	9.62	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.937	9.62	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.928	9.60	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.904	9.56	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.906	9.60	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.903	9.58	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.421	14.61	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.456	14.76	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.419	14.67	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.39	14.67	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.425	14.70	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.392	14.58	PASS



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Band66	20MHz	QPSK	132072	100RB#0	17.82	19.36	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.877	19.32	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.848	19.40	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.794	19.24	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.849	19.36	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.858	19.24	PASS



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Test Graphs

Band66-1.4MHz-QPSK-131979-6RB#0



Band66-1.4MHz-QPSK-132322-6RB#0



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Band66-1.4MHz-QPSK-132665-6RB#0



Band66-1.4MHz-16QAM-131979-6RB#0



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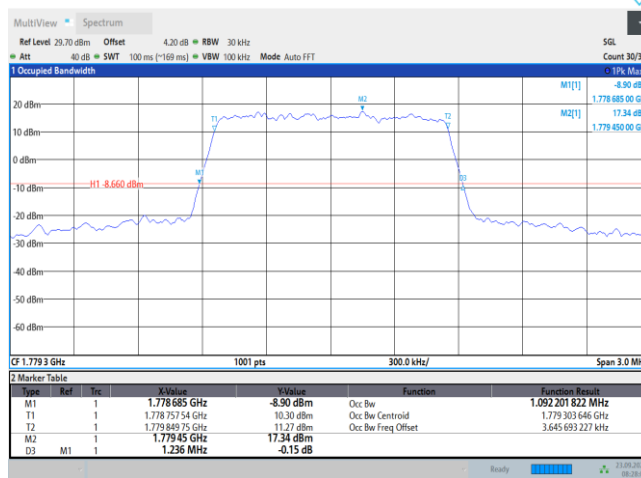
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Band66-1.4MHz-16QAM-132322-6RB#0



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Band66-1.4MHz-16QAM-132665-6RB#0



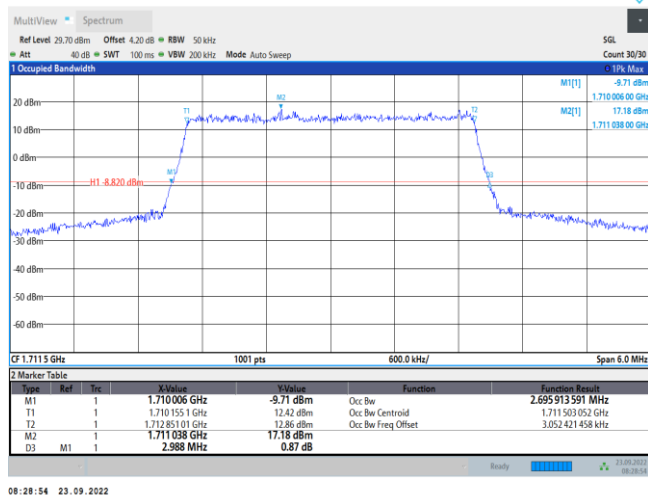
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Band66-3MHz-QPSK-131987-15RB#0



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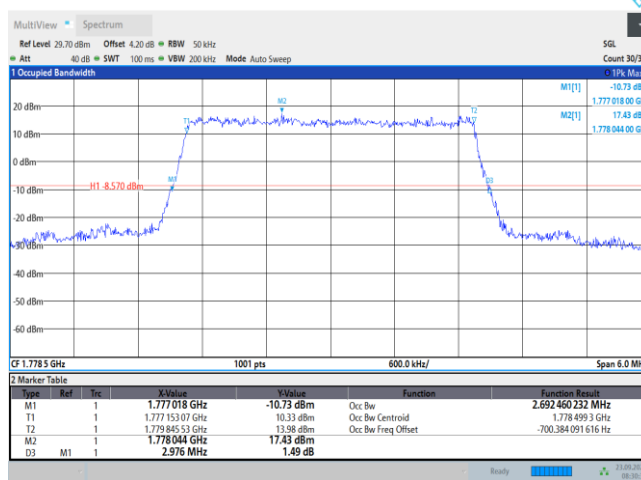
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Band66-3MHz-QPSK-132322-15RB#0



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Band66-3MHz-QPSK-132657-15RB#0



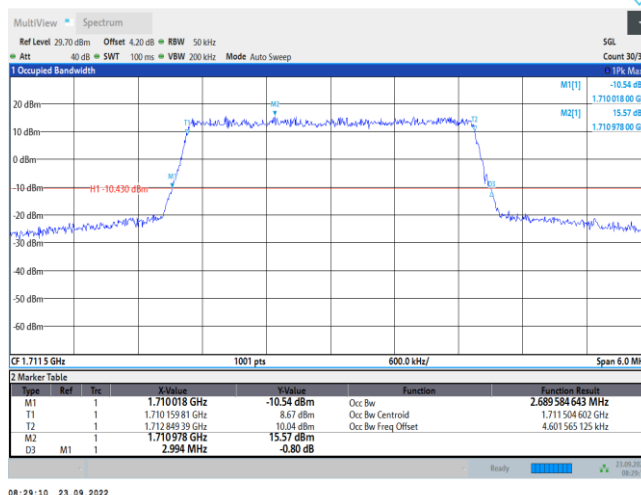
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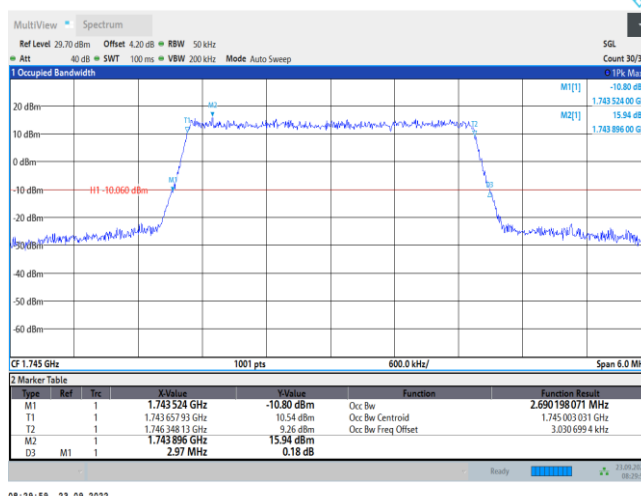
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Band66-3MHz-16QAM-131987-15RB#0



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Band66-3MHz-16QAM-132322-15RB#0



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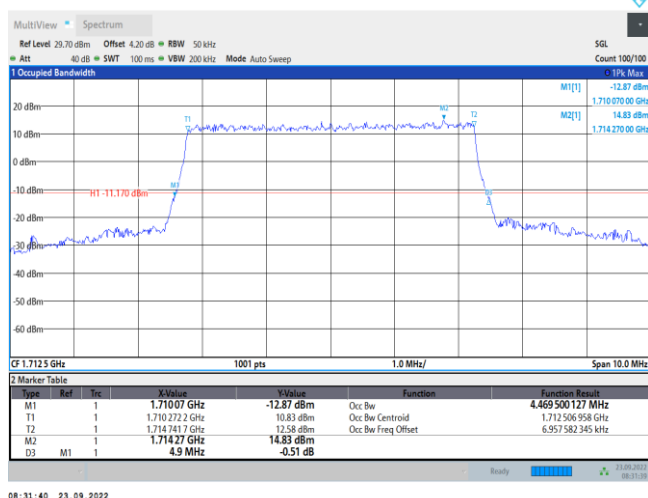
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Band66-3MHz-16QAM-132657-15RB#0



Band66-5MHz-QPSK-131997-25RB#0

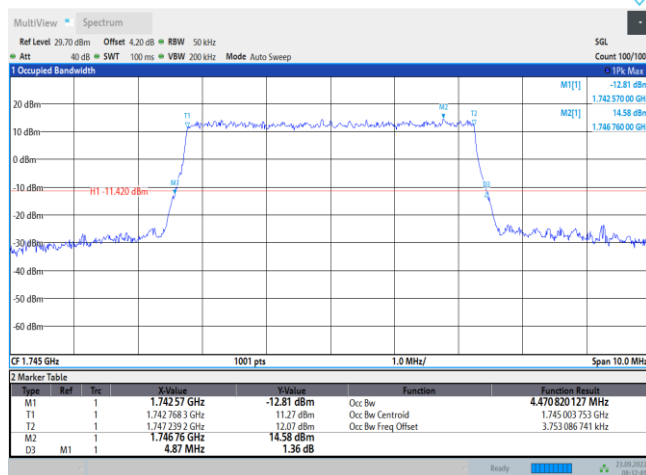


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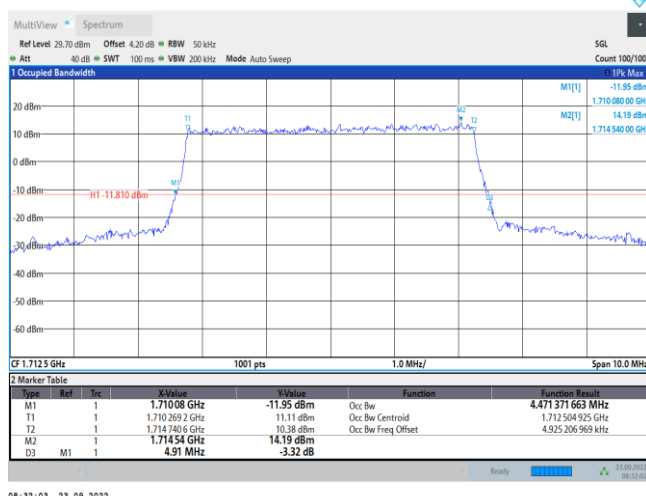
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Band66-5MHz-QPSK-132647-25RB#0



Band66-5MHz-16QAM-131997-25RB#0



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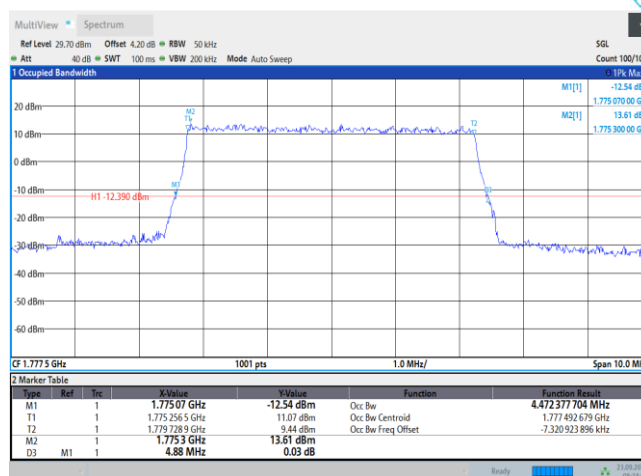
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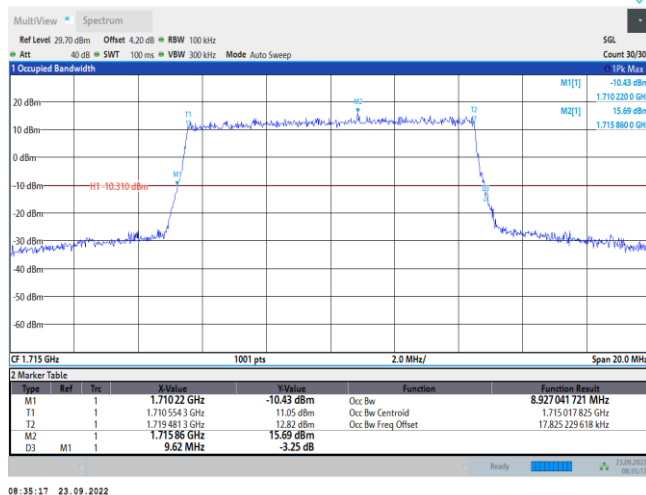
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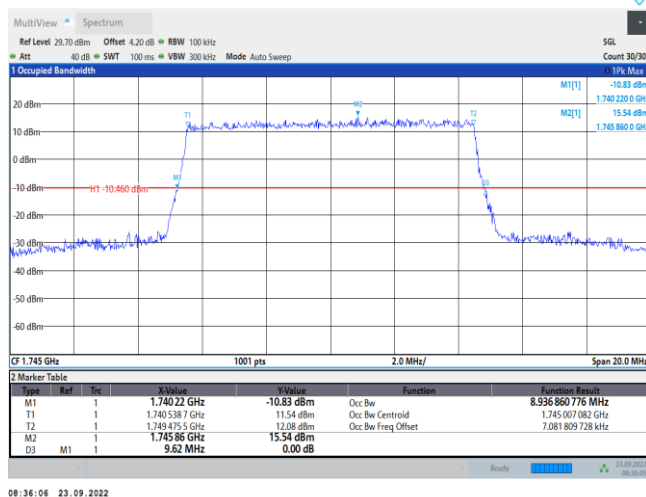
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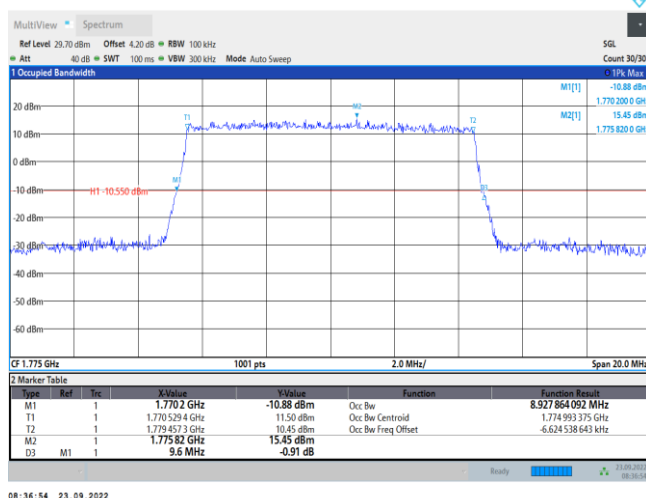
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Band66-10MHz-QPSK-132622-50RB#0

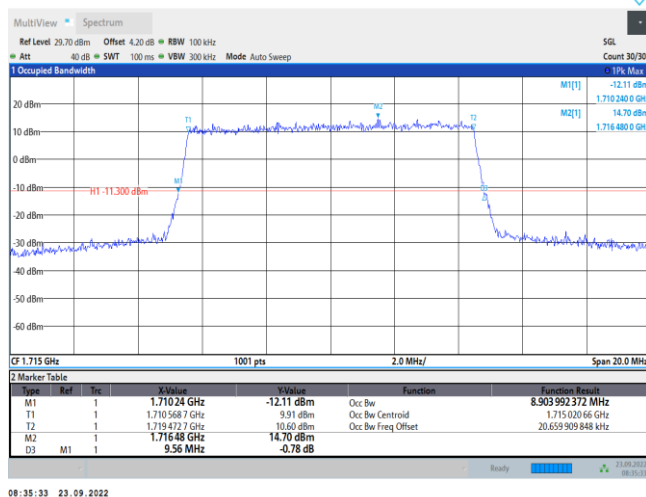


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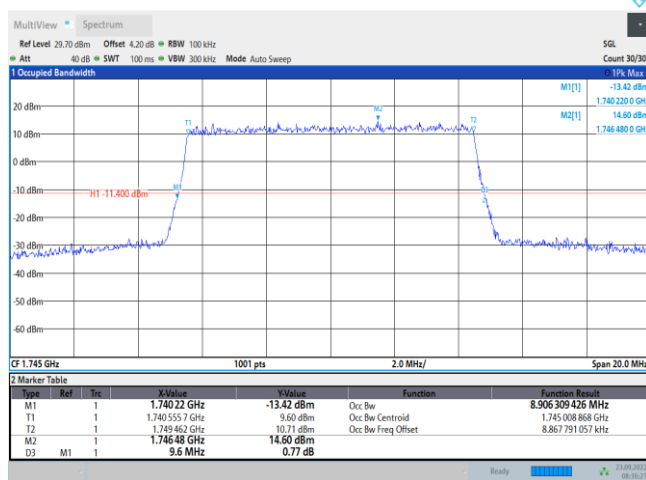
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Band66-10MHz-16QAM-132322-50RB#0



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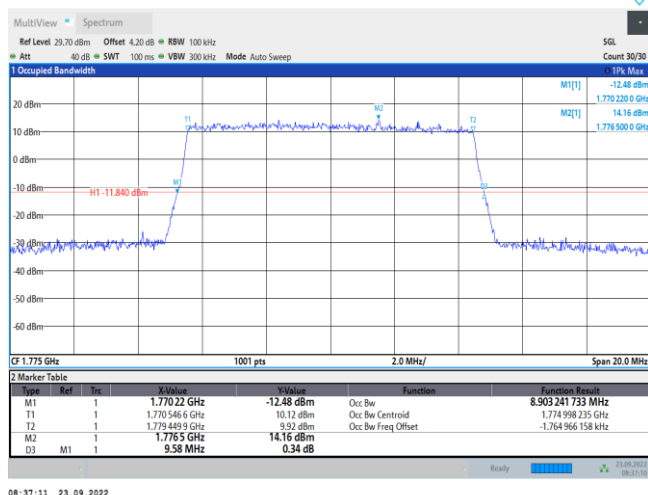
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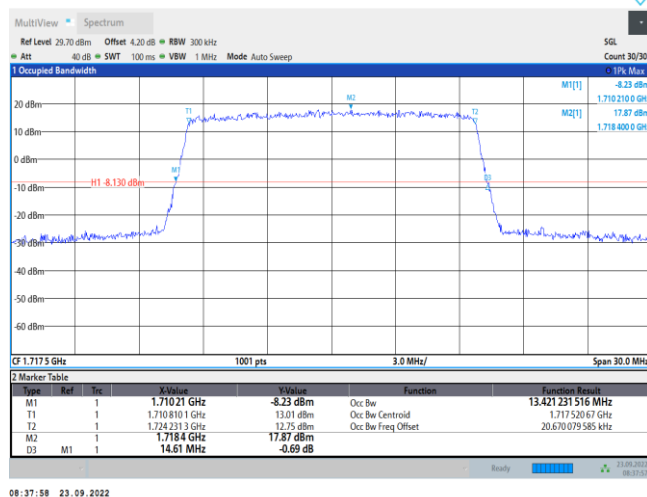
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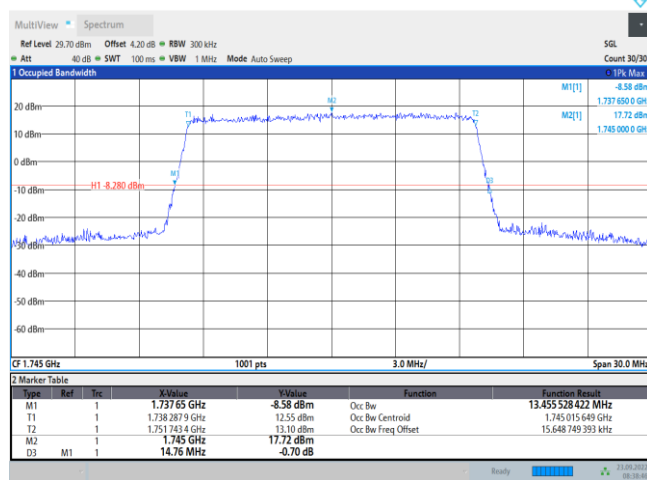
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Band66-15MHz-QPSK-132322-75RB#0



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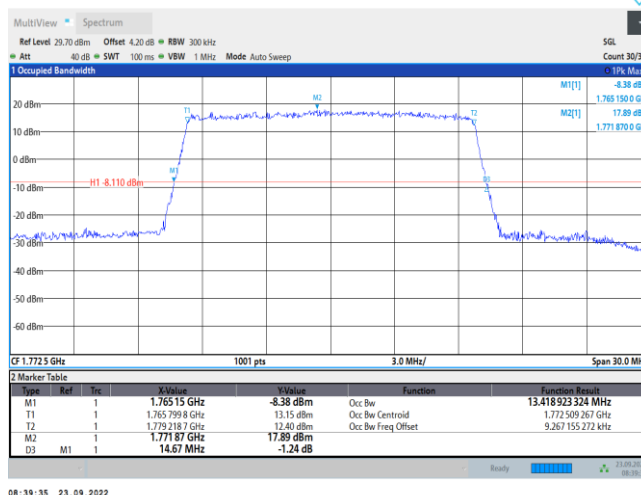
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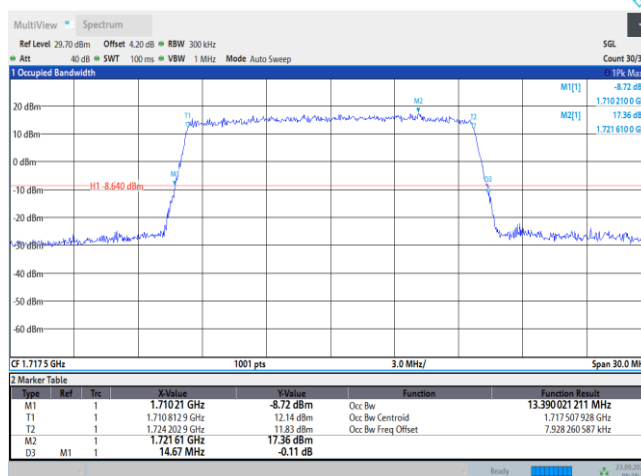
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Band66-15MHz-16QAM-132047-75RB#0



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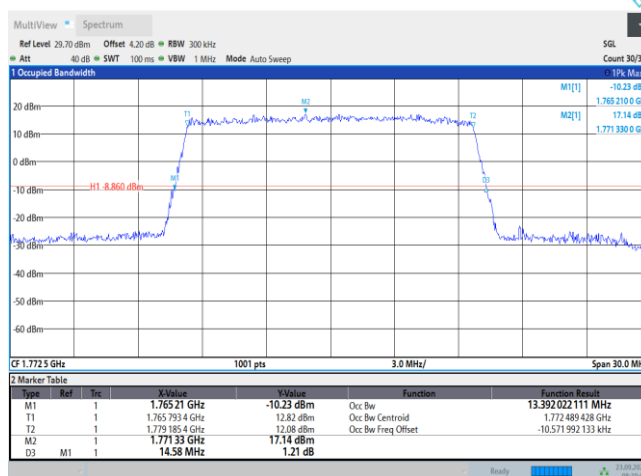
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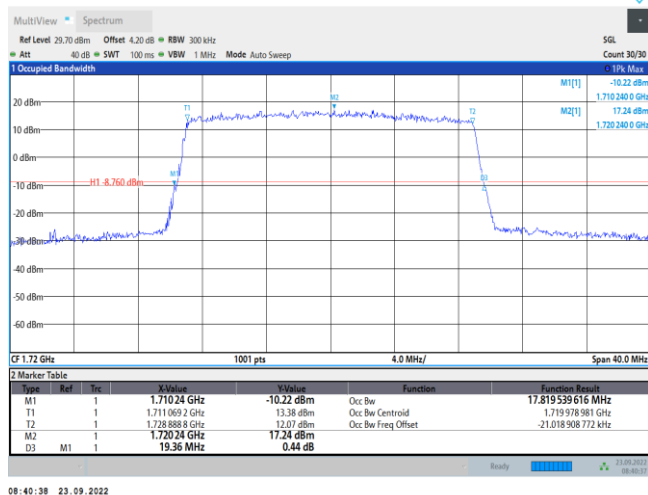
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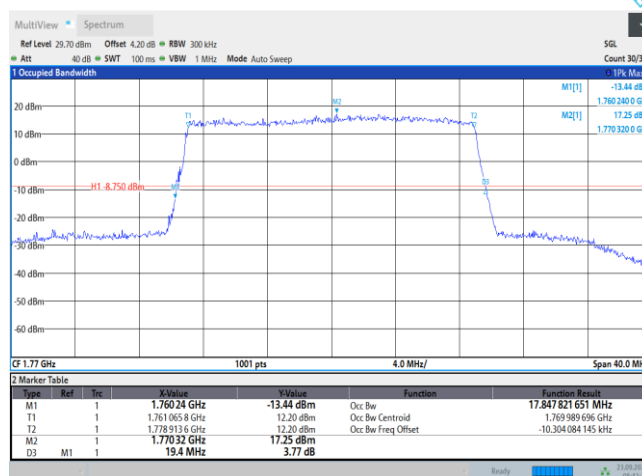
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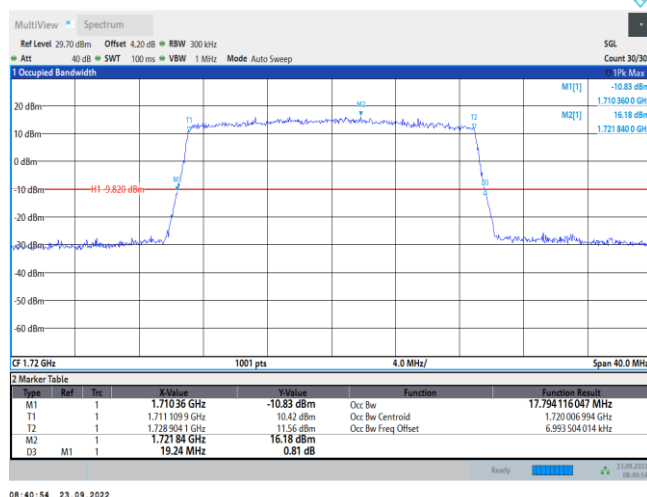
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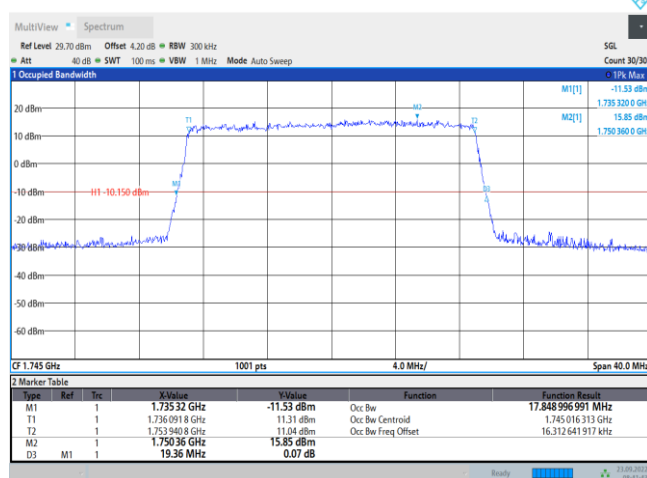
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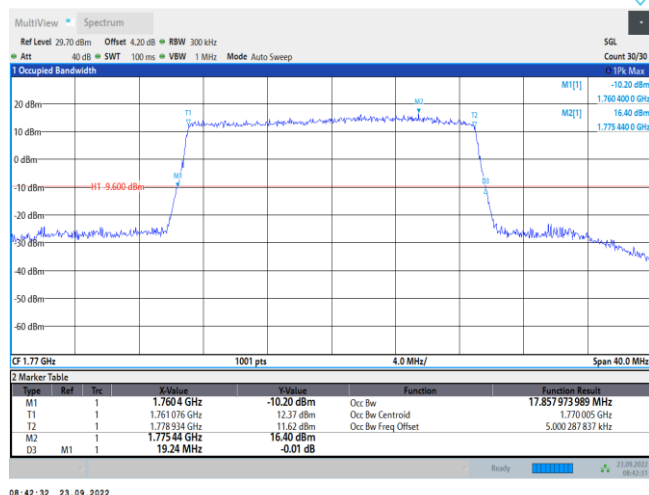
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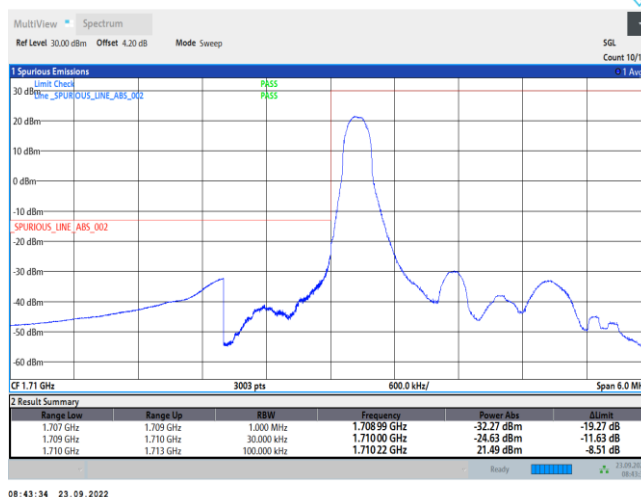
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Test Graphs

Band66-1.4MHz-QPSK-131979-1RB#0



Band66-1.4MHz-QPSK-131979-6RB#0



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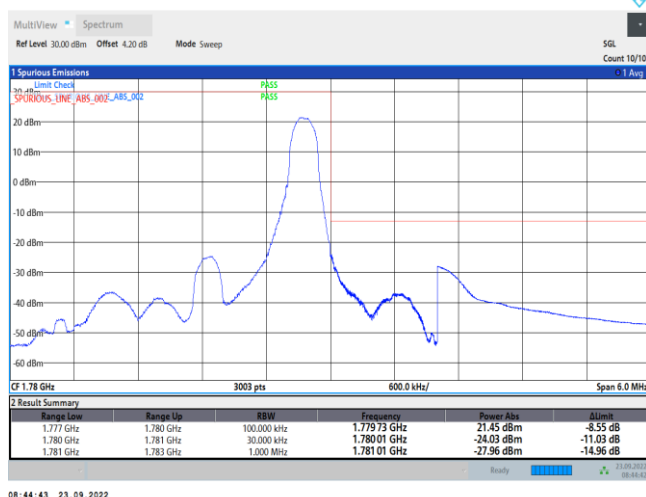
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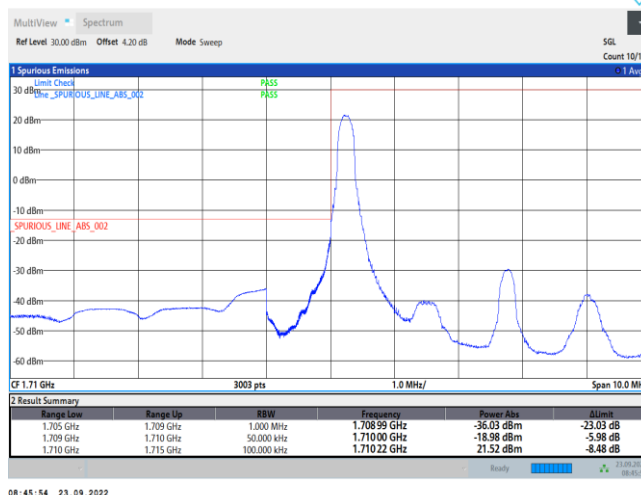
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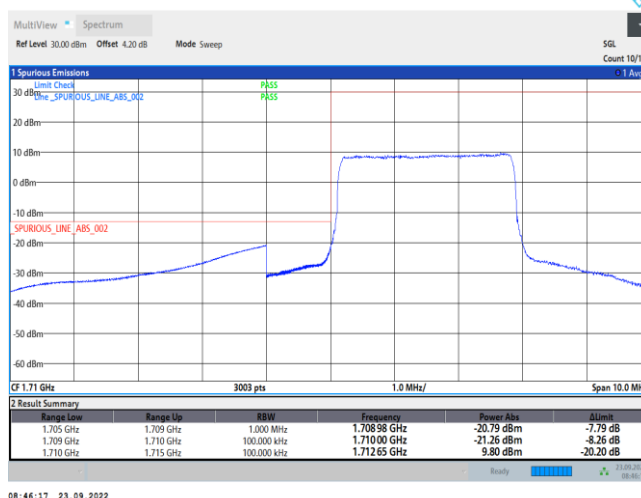
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Band66-3MHz-QPSK-131987-1RB#0



Band66-3MHz-QPSK-131987-15RB#0



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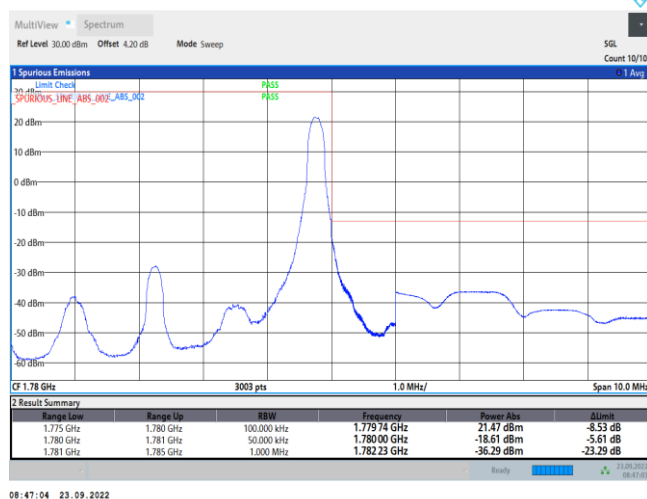
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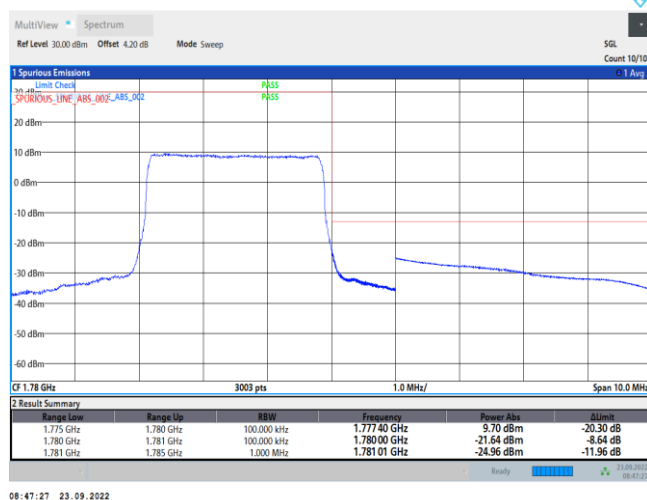
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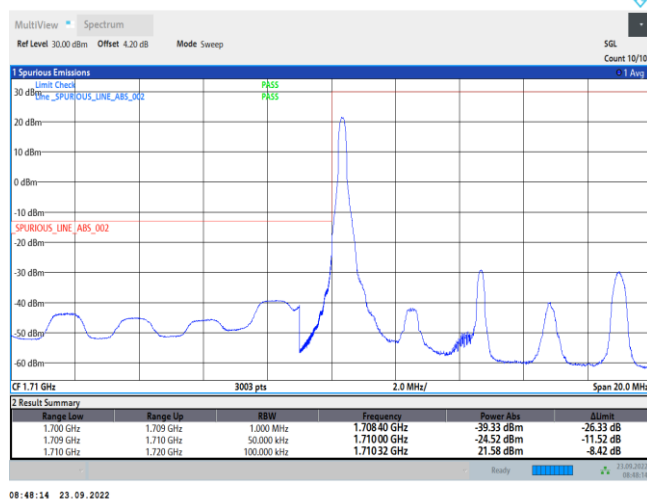
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Band66-5MHz-QPSK-131997-1RB#0



Band66-5MHz-QPSK-131997-25RB#0



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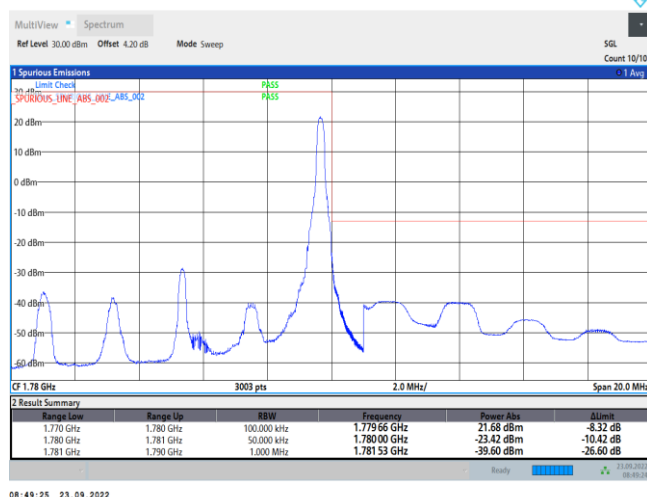
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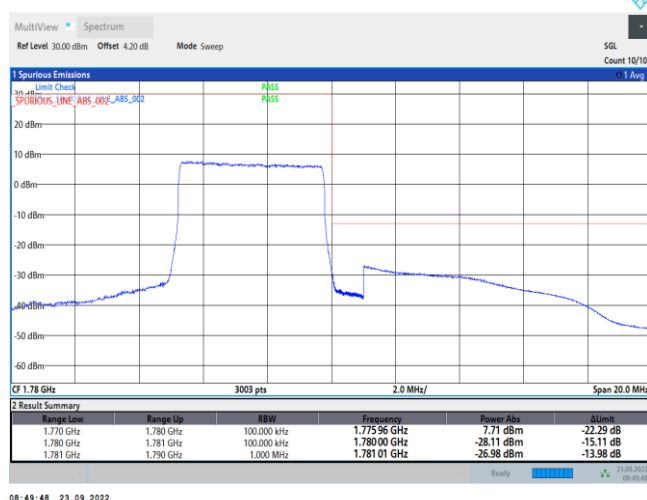
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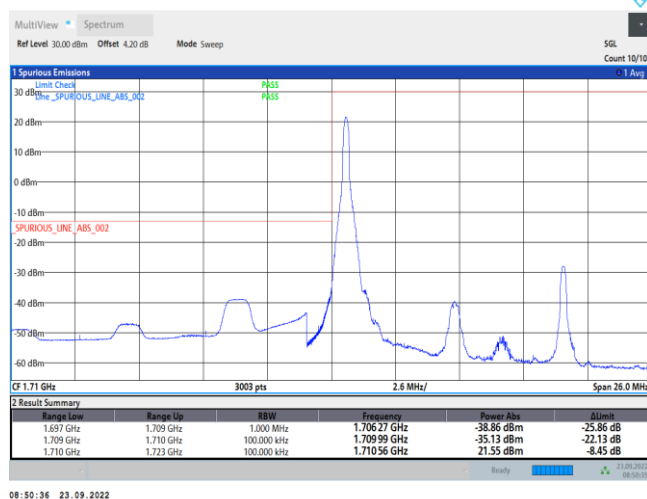
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Band66-10MHz-QPSK-132022-1RB#0



Band66-10MHz-QPSK-132022-50RB#0



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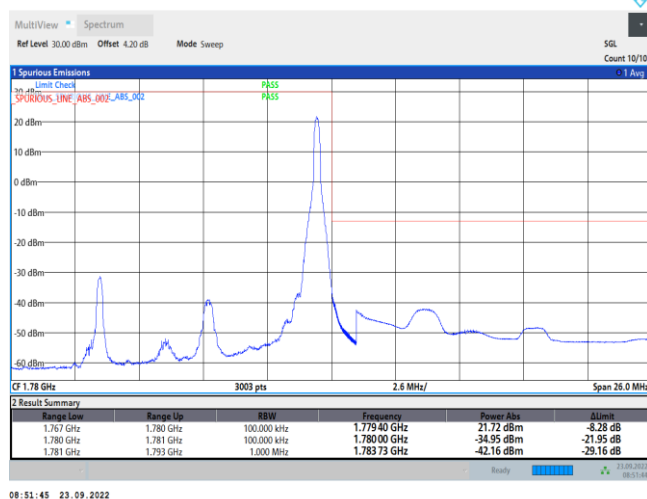
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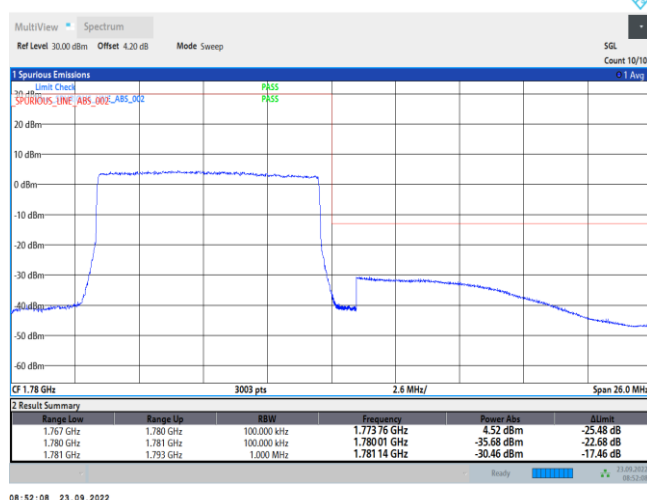
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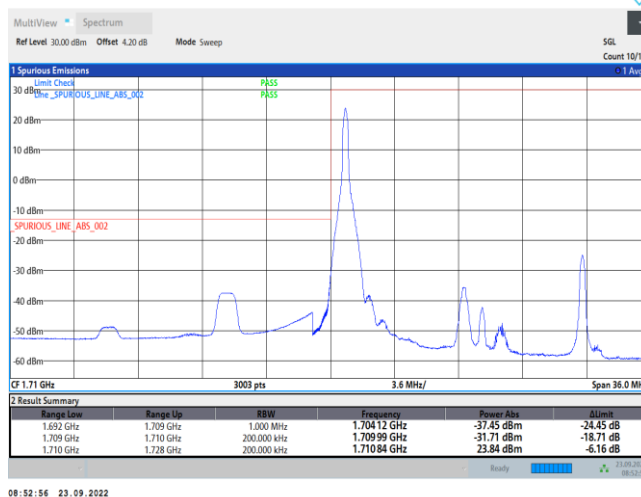
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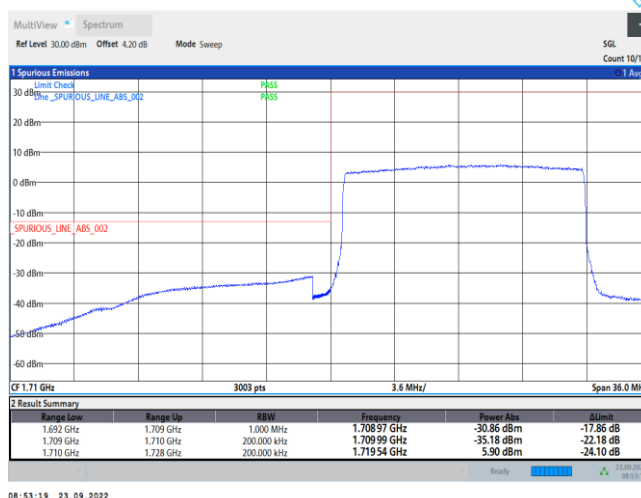
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Band66-15MHz-QPSK-132047-1RB#0



Band66-15MHz-QPSK-132047-75RB#0



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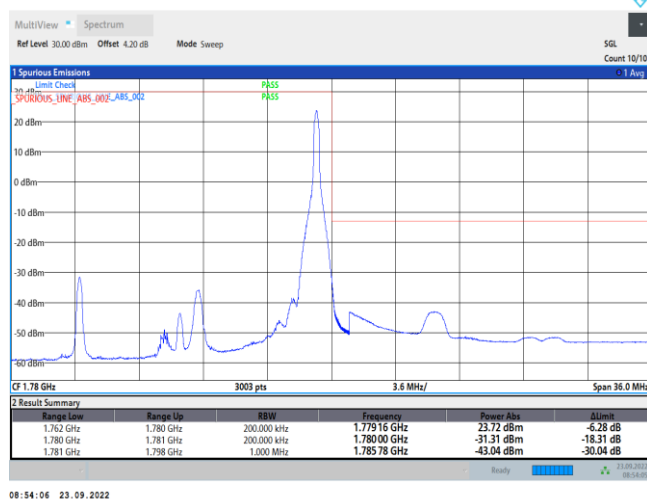
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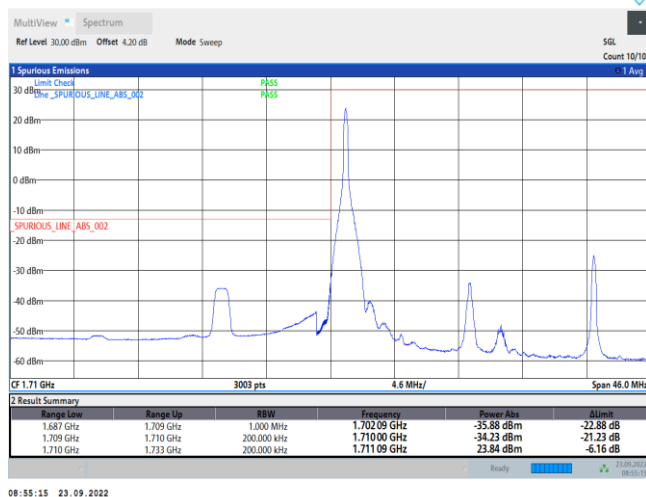
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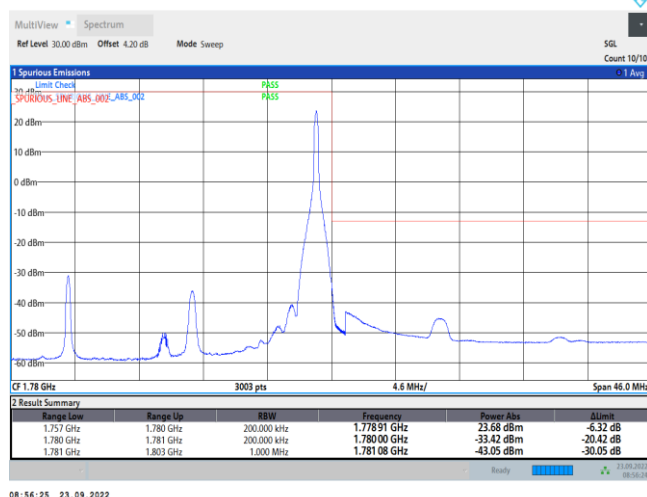
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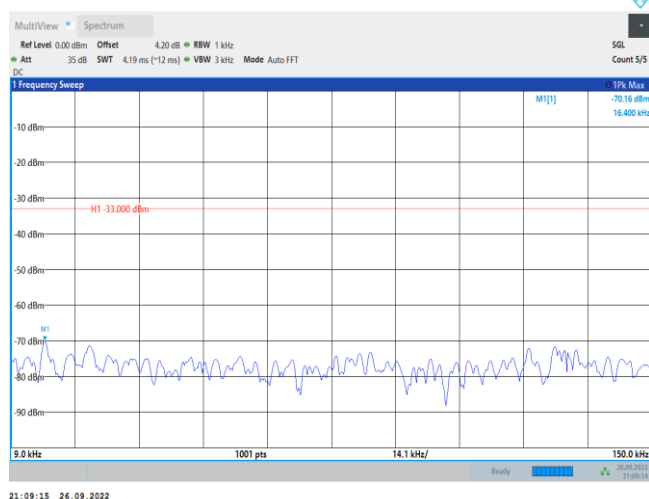
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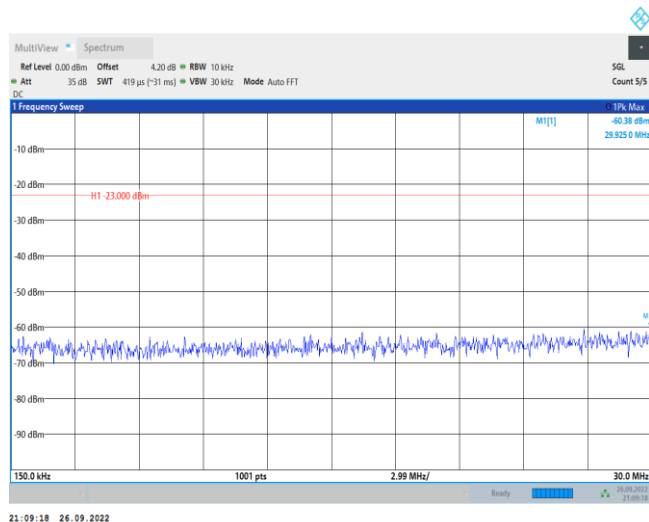
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Test Graphs

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Band66-20MHz-QPSK-132072-1RB#0-Range2:0.15~30MHz

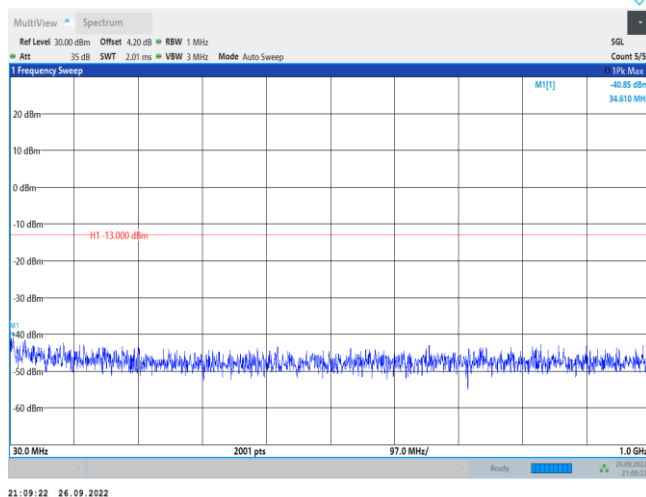


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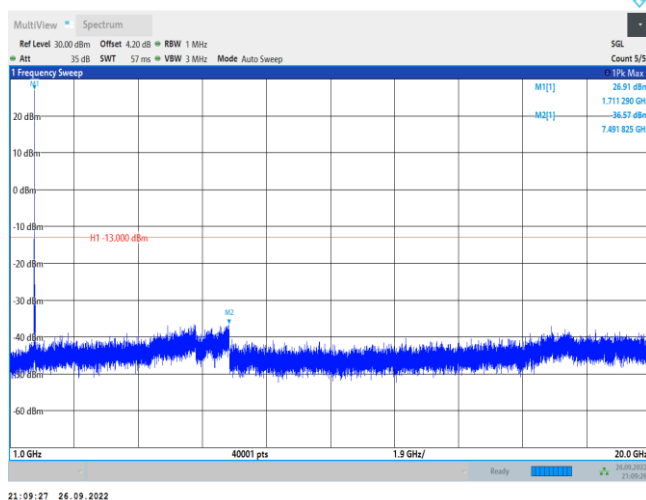
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Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



Band66-20MHz-QPSK-132072-1RB#0-Range4:1000~20000MHz



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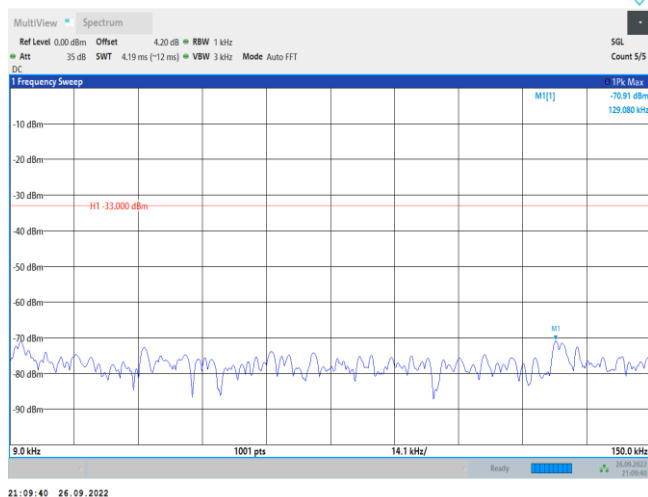
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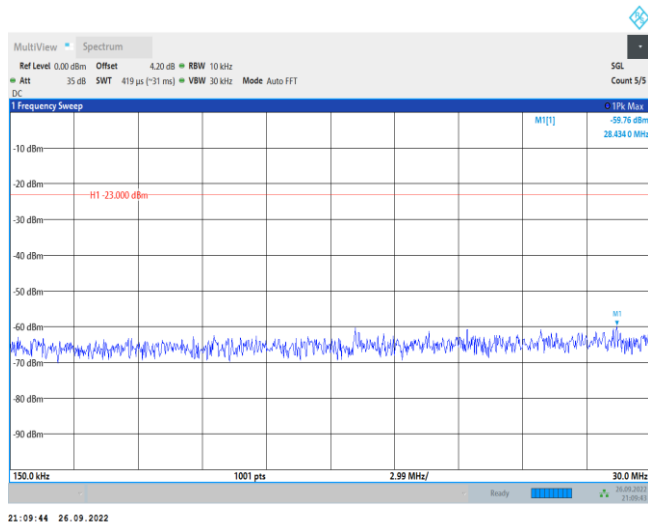
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Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



Band66-20MHz-QPSK-132322-1RB#0-Range2:0.15~30MHz



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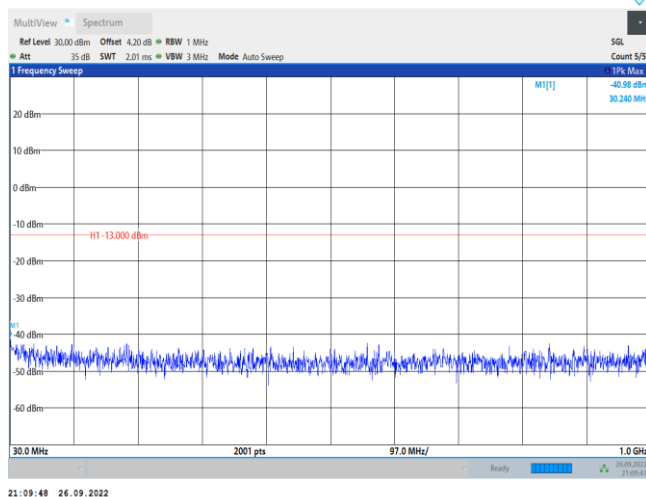
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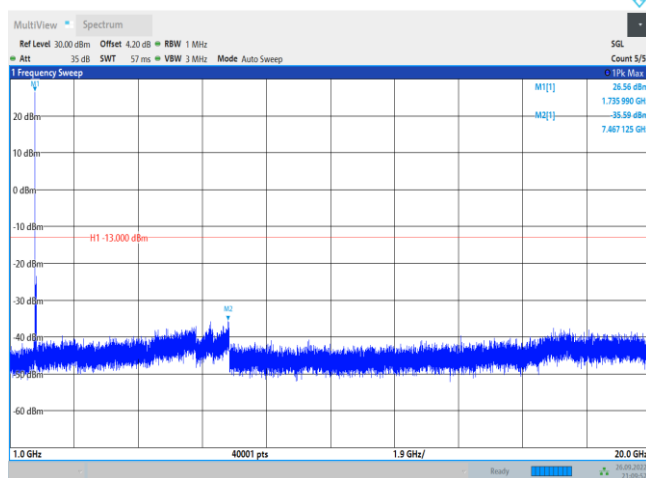
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Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



21:09:48 26.09.2022

Band66-20MHz-QPSK-132322-1RB#0-Range4:1000~20000MHz



21:09:52 26.09.2022



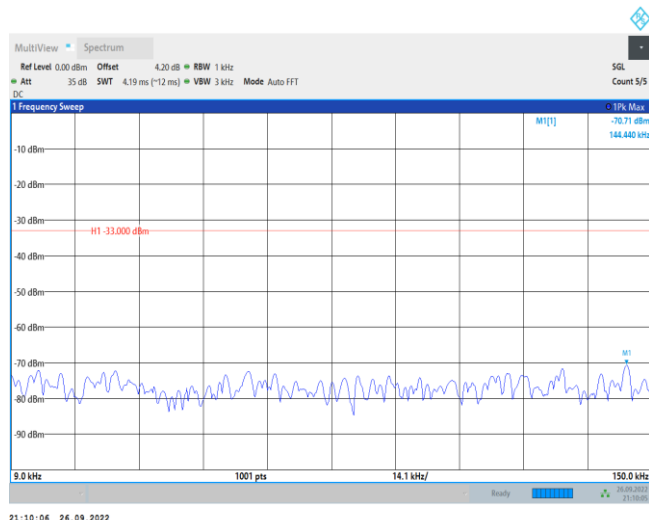
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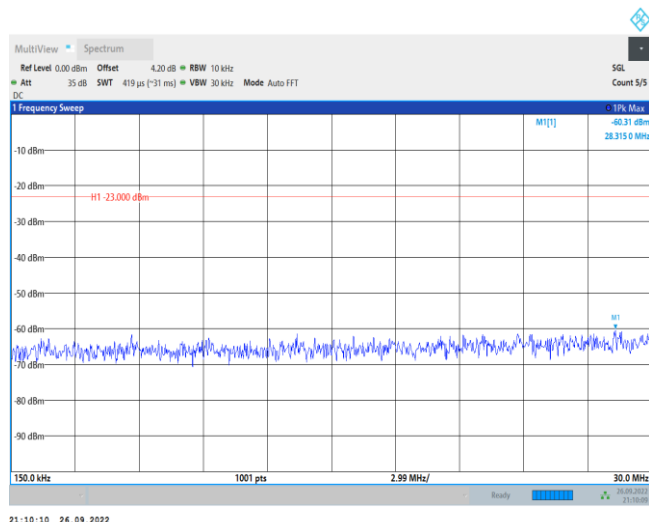
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Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



Band66-20MHz-QPSK-132572-1RB#0-Range2:0.15~30MHz



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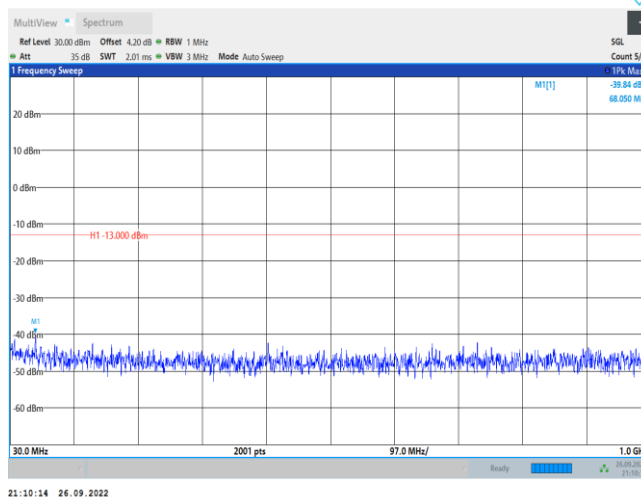
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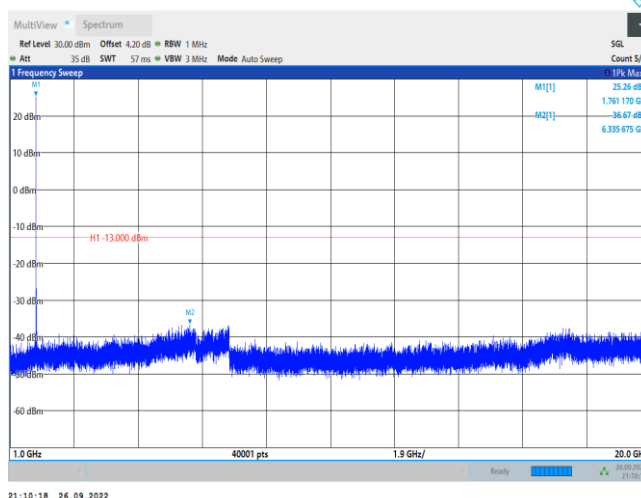
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Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



Band66-20MHz-QPSK-132572-1RB#0-Range4:1000~20000MHz



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Field Strength of Spurious Radiation

Test Band = LTE Band66_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.25	63.59	-46.28	29.45	-48.50	-13.00	35.50	245	351	Horizontal
2	5106.2700	45.78	-45.36	32.94	-61.91	-13.00	48.91	186	148	Horizontal
3	6808.3600	45.88	-44.16	35.85	-57.69	-13.00	44.69	145	14	Horizontal
4	8510.4500	41.74	-41.59	37.56	-57.55	-13.00	44.55	126	269	Horizontal
5	10212.5400	35.12	-39.45	38.81	-60.77	-13.00	47.77	235	269	Horizontal
6	11914.6300	32.82	-37.18	38.88	-60.74	-13.00	47.74	145	359	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.25	59.13	-46.28	29.45	-52.96	-13.00	39.96	248	360	Vertical
2	5106.2700	46.49	-45.36	32.94	-61.20	-13.00	48.20	156	360	Vertical
3	6844.5	52.26	-44.14	35.89	-51.25	-13.00	38.25	135	105	Vertical
4	8510.4500	42.65	-41.59	37.56	-56.64	-13.00	43.64	126	360	Vertical
5	10212.5400	34.69	-39.45	38.81	-61.20	-13.00	48.20	291	255	Vertical
6	11914.6300	30.78	-37.18	38.88	-62.78	-13.00	49.78	114	357	Vertical



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Test Band = LTE Band66_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.5	65.35	-46.27	29.50	-46.68	-13.00	33.68	256	352	Horizontal
2	5181.2700	46.63	-45.30	32.98	-60.95	-13.00	47.95	269	44	Horizontal
3	6908.3600	44.97	-44.05	35.97	-58.37	-13.00	45.37	258	299	Horizontal
4	8635.4500	39.28	-41.46	37.81	-59.63	-13.00	46.63	245	106	Horizontal
5	10362.5400	34.06	-39.04	38.85	-61.39	-13.00	48.39	138	165	Horizontal
6	12089.6300	31.52	-37.37	39.04	-62.07	-13.00	49.07	199	210	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3471.75	58.09	-46.27	29.49	-53.94	-13.00	40.94	215	282	Vertical
2	5181.2700	46.37	-45.30	32.98	-61.21	-13.00	48.21	145	104	Vertical
3	6944.25	53.81	-43.86	36.01	-49.29	-13.00	36.29	136	104	Vertical
4	8635.4500	40.61	-41.46	37.81	-58.30	-13.00	45.30	256	147	Vertical
5	10362.5400	34.34	-39.04	38.85	-61.11	-13.00	48.11	135	360	Vertical
6	12089.6300	31.97	-37.37	39.04	-61.62	-13.00	48.62	199	3	Vertical



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Test Band = LTE Band66_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3522	64.18	-46.23	29.54	-47.77	-13.00	34.77	248	352	Horizontal
2	5256.2700	47.17	-45.17	32.94	-60.33	-13.00	47.33	156	117	Horizontal
3	7008.3600	45.73	-43.61	36.10	-57.04	-13.00	44.04	135	357	Horizontal
4	8760.4500	38.81	-41.42	38.02	-59.86	-13.00	46.86	126	312	Horizontal
5	10512.5400	32.80	-38.76	38.97	-62.25	-13.00	49.25	192	103	Horizontal
6	12262.6300	31.76	-37.44	39.11	-61.83	-13.00	48.83	145	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3522	55.65	-46.23	29.54	-56.30	-13.00	43.30	254	12	Vertical
2	5256.2700	47.08	-45.17	32.94	-60.42	-13.00	47.42	162	222	Vertical
3	7044	53.36	-43.84	36.19	-49.55	-13.00	36.55	152	102	Vertical
4	8760.4500	39.50	-41.42	38.02	-59.17	-13.00	46.17	111	360	Vertical
5	10512.5400	34.21	-38.76	38.97	-60.84	-13.00	47.84	135	360	Vertical
6	12262.6300	31.71	-37.44	39.11	-61.88	-13.00	48.88	129	28	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	-0.40	-0.000229	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	4.30	0.002464	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	7.50	0.004298	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-7.10	-0.004069	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-6.80	-0.003897	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	2.80	0.001605	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-9.00	-0.005158	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	6.80	0.003897	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-5.20	-0.002980	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-3.10	-0.001777	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	5.90	0.003381	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	2.90	0.001662	PASS

---End of Attachment---



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