Appendix B

E-UTRA Band 66

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1. Main Test Instruments

RE in Chamber					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date (yyyy-mm-dd)	Cal.Due date (yyyy-mm-dd)
3m Semi-Anechoic Chamber	AUDIX	N/A	SEM001-02	2018/3/13	2021/3/12
Spectrum Analyzer (20Hz-43GHz)	Rohde & Schwarz	FSU43	SEM004-08	2019/3/2	2020/3/1
BiConiLog Antenna (26-3000MHz)	ETS-Lindgren	3142C	SEM003-01	2017/6/27	2020/6/26
Horn Antenna (800MHz-18GHz)	Rohde & Schwarz	HF907	SEM003-07	2018/413	2021/412
Horn Antenna (15-40GHz)	Schwarzbeck	BBHA 9170	SEM003-15	2017/10/17	2020/10/16
Amplifier (0.1-1300MHz)	HP	8447D	SEM005-02	2018/9/2	2019/9/2
Low Noise Amplifier (100MHz-18GHz)	Black Diamond Series	BDLNA-0118-352810	SEM005-05	2018/9/2	2019/9/2
Pre-Amplifier (0.1-26.5GHz)	Compliance Directions Systems Inc.	PAP-0126	EMC2063	2018/10/20	2019/10/19
Pre-amplifier (26-40GHz)	Compliance Directions Systems Inc.	PAP-2640-50	SEM005-08	2019/3/2	2020/3/1
Band filter	N/A	N/A	N/A	N/A	N/A
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-01	2019/6/12	2020/6/11
Wideband Radio CommunicationTeste	Anristu	MT8821C	6201462742	2019/4/3	2020/4/3
Wideband Radio CommunicationTester	Rohde & Schwarz	CMW500	W005-02	2019/1/13	2020/1/12

RF conducted test					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date (yyyy-mm-dd)	Cal.Due date (yyyy-mm-dd)
Dual Output Mobile Communication DC Source	Agilent Technologies Inc	66311B	W009-09	2018/11/2	2019/11/1
Signal Analyzer	Rohde & Schwarz	FSV	W005-02	2019/3/2	2020/3/1
Coaxial Cable	SGS	N/A	SEM031-01	2019/6/12	2020/6/11
Attenuator	Weinschel Associates	WA41	SEM021-09	N/A	N/A
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2018/11/2	2019/11/1
Humidity/ Temperature Indicator	Shanghai Meteorological Industry Factory	HTC-1	W006-17	2018/11/2	2019/11/1
Temperature Chamber	GIANT FORCE	ICT-150-40-CP-AR	W027-03	2018/11/2	2019/11/1
Wideband Radio CommunicationTeste	Anristu	MT8821C	6201462742	2019/3/2	2020/3/1
Wideband Radio CommunicationTester	Rohde & Schwarz	CMW500	W005-02	2018/11/2	2019/11/1

2. Measurement Uncertainty

For a 95% confidence level (k = 2), the measurement expanded uncertainties for defined systems, in accordance with the recommendations of ISO 17025 as following:

Test Item	Extended Uncertainty	Data
Transmit Output Power Data	Power [dBm]	U =±0.37 dB
Bandwidth	Magnitude [%]	U =± 0.2%
Band Edge Compliance	Disturbance Power [dBm]	U = ±2.0 dB
Spurious Emissions, Conducted	Disturbance Power [dBm]	U = ±2.0 dB
Frequency Stability	Frequency Accuracy [ppm]	U = ±0.24 ppm

3. Effective (Isotropic) Radiated Power

3.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	22.97	22.19	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	23.11	22.33	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	22.99	22.21	30.00	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	23.05	22.27	30.00	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	23.09	22.31	30.00	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	23.06	22.28	30.00	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.14	21.36	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.15	22.37	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.29	22.51	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.15	22.37	30.00	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	23.22	22.44	30.00	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	23.28	22.50	30.00	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	23.22	22.44	30.00	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.20	21.42	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	23.12	22.34	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	23.25	22.47	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	23.10	22.32	30.00	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	23.21	22.43	30.00	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	23.25	22.47	30.00	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	23.19	22.41	30.00	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.24	21.46	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.29	21.51	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.36	21.58	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.19	21.41	30.00	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	22.23	21.45	30.00	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	22.31	21.53	30.00	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	22.21	21.43	30.00	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.19	20.41	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.35	21.57	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.48	21.70	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.36	21.58	30.00	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	22.38	21.60	30.00	PASS
Band66	1.4MHz	16QAM	132322	3RB#1	22.44	21.66	30.00	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	22.40	21.62	30.00	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.37	20.59	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	22.33	21.55	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	22.36	21.58	30.00	PASS

Band66	1.4MHz	16QAM	132665	1RB#5	22.25	21.47	30.00	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	22.26	21.48	30.00	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	22.32	21.54	30.00	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	22.22	21.44	30.00	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	21.36	20.58	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#0	23.02	22.24	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#8	23.06	22.28	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#14	23.06	22.28	30.00	PASS
Band66	3MHz	QPSK	131987	8RB#0	22.09	21.31	30.00	PASS
Band66	3MHz	QPSK	131987	8RB#4	22.14	21.36	30.00	PASS
Band66	3MHz	QPSK	131987	8RB#7	22.12	21.34	30.00	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.13	21.35	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.20	22.42	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#8	23.18	22.40	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#14	23.13	22.35	30.00	PASS
Band66	3MHz	QPSK	132322	8RB#0	22.21	21.43	30.00	PASS
Band66	3MHz	QPSK	132322	8RB#4	22.24	21.46	30.00	PASS
Band66	3MHz	QPSK	132322	8RB#7	22.20	21.42	30.00	PASS
Band66	3MHz	QPSK	132322	15RB#0	22.19	21.41	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#0	23.12	22.34	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#8	23.18	22.40	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#14	23.14	22.36	30.00	PASS
Band66	3MHz	QPSK	132657	8RB#0	22.22	21.44	30.00	PASS
Band66	3MHz	QPSK	132657	8RB#4	22.25	21.47	30.00	PASS
Band66	3MHz	QPSK	132657	8RB#7	22.18	21.40	30.00	PASS
Band66	3MHz	QPSK	132657	15RB#0	22.23	21.45	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.25	21.47	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.29	21.51	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.44	21.66	30.00	PASS
Band66	3MHz	16QAM	131987	8RB#0	21.16	20.38	30.00	PASS
Band66	3MHz	16QAM	131987	8RB#4	21.22	20.44	30.00	PASS
Band66	3MHz	16QAM	131987	8RB#7	21.15	20.37	30.00	PASS
Band66	3MHz	16QAM	131987	15RB#0	21.12	20.34	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.42	21.64	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.41	21.63	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.46	21.68	30.00	PASS
Band66	3MHz	16QAM	132322	8RB#0	21.34	20.56	30.00	PASS
Band66	3MHz	16QAM	132322	8RB#4	21.38	20.60	30.00	PASS
Band66	3MHz	16QAM	132322	8RB#7	21.31	20.53	30.00	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.24	20.46	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#0	22.38	21.60	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#8	22.32	21.54	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#14	22.29	21.51	30.00	PASS
Band66	3MHz	16QAM	132657	8RB#0	21.32	20.54	30.00	PASS

Band66	3MHz	16QAM	132657	8RB#4	21.31	20.53	30.00	PASS
Band66	3MHz	16QAM	132657	8RB#7	21.24	20.46	30.00	PASS
Band66	3MHz	16QAM	132657	15RB#0	21.24	20.46	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#0	22.89	22.11	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#12	23.24	22.46	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#24	22.98	22.20	30.00	PASS
Band66	5MHz	QPSK	131997	12RB#0	22.08	21.30	30.00	PASS
Band66	5MHz	QPSK	131997	12RB#6	22.20	21.42	30.00	PASS
Band66	5MHz	QPSK	131997	12RB#13	22.16	21.38	30.00	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.18	21.40	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.10	22.32	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.35	22.57	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#24	23.05	22.27	30.00	PASS
Band66	5MHz	QPSK	132322	12RB#0	22.19	21.41	30.00	PASS
Band66	5MHz	QPSK	132322	12RB#6	22.24	21.46	30.00	PASS
Band66	5MHz	QPSK	132322	12RB#13	22.18	21.40	30.00	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.22	21.44	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#0	23.05	22.27	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#12	23.29	22.51	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#24	23.03	22.25	30.00	PASS
Band66	5MHz	QPSK	132647	12RB#0	22.18	21.40	30.00	PASS
Band66	5MHz	QPSK	132647	12RB#6	22.26	21.48	30.00	PASS
Band66	5MHz	QPSK	132647	12RB#13	22.16	21.38	30.00	PASS
Band66	5MHz	QPSK	132647	25RB#0	22.23	21.45	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.19	21.41	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#12	22.49	21.71	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.21	21.43	30.00	PASS
Band66	5MHz	16QAM	131997	12RB#0	21.16	20.38	30.00	PASS
Band66	5MHz	16QAM	131997	12RB#6	21.26	20.48	30.00	PASS
Band66	5MHz	16QAM	131997	12RB#13	21.24	20.46	30.00	PASS
Band66	5MHz	16QAM	131997	25RB#0	21.14	20.36	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.39	21.61	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.65	21.87	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.33	21.55	30.00	PASS
Band66	5MHz	16QAM	132322	12RB#0	21.34	20.56	30.00	PASS
Band66	5MHz	16QAM	132322	12RB#6	21.36	20.58	30.00	PASS
Band66	5MHz	16QAM	132322	12RB#13	21.30	20.52	30.00	PASS
Band66	5MHz	16QAM	132322	25RB#0	21.27	20.49	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#0	22.22	21.44	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#12	22.52	21.74	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#24	22.26	21.48	30.00	PASS
Band66	5MHz	16QAM	132647	12RB#0	21.30	20.52	30.00	PASS
Band66	5MHz	16QAM	132647	12RB#6	21.38	20.60	30.00	PASS
Band66	5MHz	16QAM	132647	12RB#13	21.28	20.50	30.00	PASS

Band66	5MHz	16QAM	132647	25RB#0	21.26	20.48	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#0	24.03	23.25	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#24	24.32	23.54	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#49	24.16	23.38	30.00	PASS
Band66	10MHz	QPSK	132022	25RB#0	23.27	22.49	30.00	PASS
Band66	10MHz	QPSK	132022	25RB#12	23.29	22.51	30.00	PASS
Band66	10MHz	QPSK	132022	25RB#25	23.40	22.62	30.00	PASS
Band66	10MHz	QPSK	132022	50RB#0	22.26	21.48	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.16	22.38	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.28	22.50	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.11	22.33	30.00	PASS
Band66	10MHz	QPSK	132322	25RB#0	22.22	21.44	30.00	PASS
Band66	10MHz	QPSK	132322	25RB#12	22.25	21.47	30.00	PASS
Band66	10MHz	QPSK	132322	25RB#25	22.24	21.46	30.00	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.25	21.47	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#0	23.13	22.35	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#24	23.26	22.48	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#49	23.13	22.35	30.00	PASS
Band66	10MHz	QPSK	132622	25RB#0	22.29	21.51	30.00	PASS
Band66	10MHz	QPSK	132622	25RB#12	22.28	21.50	30.00	PASS
Band66	10MHz	QPSK	132622	25RB#25	22.25	21.47	30.00	PASS
Band66	10MHz	QPSK	132622	50RB#0	22.31	21.53	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#0	23.28	22.50	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#24	23.52	22.74	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#49	23.36	22.58	30.00	PASS
Band66	10MHz	16QAM	132022	25RB#0	22.31	21.53	30.00	PASS
Band66	10MHz	16QAM	132022	25RB#12	22.28	21.50	30.00	PASS
Band66	10MHz	16QAM	132022	25RB#25	22.36	21.58	30.00	PASS
Band66	10MHz	16QAM	132022	50RB#0	21.22	20.44	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#0	22.40	21.62	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.54	21.76	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#49	22.37	21.59	30.00	PASS
Band66	10MHz	16QAM	132322	25RB#0	21.32	20.54	30.00	PASS
Band66	10MHz	16QAM	132322	25RB#12	21.30	20.52	30.00	PASS
Band66	10MHz	16QAM	132322	25RB#25	21.32	20.54	30.00	PASS
Band66	10MHz	16QAM	132322	50RB#0	21.28	20.50	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.32	21.54	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.50	21.72	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.30	21.52	30.00	PASS
Band66	10MHz	16QAM	132622	25RB#0	21.34	20.56	30.00	PASS
Band66	10MHz	16QAM	132622	25RB#12	21.31	20.53	30.00	PASS
Band66	10MHz	16QAM	132622	25RB#25	21.27	20.49	30.00	PASS
Band66	10MHz	16QAM	132622	50RB#0	21.33	20.55	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#0	22.99	22.21	30.00	PASS

Band66	15MHz	QPSK	132047	1RB#38	23.14	22.36	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.02	22.24	30.00	PASS
Band66	15MHz	QPSK	132047	36RB#0	22.16	21.38	30.00	PASS
Band66	15MHz	QPSK	132047	36RB#18	22.22	21.44	30.00	PASS
Band66	15MHz	QPSK	132047	36RB#39	22.24	21.46	30.00	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.21	21.43	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.14	22.36	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.21	22.43	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.08	22.30	30.00	PASS
Band66	15MHz	QPSK	132322	36RB#0	22.21	21.43	30.00	PASS
Band66	15MHz	QPSK	132322	36RB#18	22.25	21.47	30.00	PASS
Band66	15MHz	QPSK	132322	36RB#39	22.20	21.42	30.00	PASS
Band66	15MHz	QPSK	132322	75RB#0	22.24	21.46	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.09	22.31	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.17	22.39	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#74	23.08	22.30	30.00	PASS
Band66	15MHz	QPSK	132597	36RB#0	22.30	21.52	30.00	PASS
Band66	15MHz	QPSK	132597	36RB#18	22.26	21.48	30.00	PASS
Band66	15MHz	QPSK	132597	36RB#39	22.23	21.45	30.00	PASS
Band66	15MHz	QPSK	132597	75RB#0	22.29	21.51	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#0	22.28	21.50	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.49	21.71	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.32	21.54	30.00	PASS
Band66	15MHz	16QAM	132047	36RB#0	21.16	20.38	30.00	PASS
Band66	15MHz	16QAM	132047	36RB#18	21.24	20.46	30.00	PASS
Band66	15MHz	16QAM	132047	36RB#39	21.23	20.45	30.00	PASS
Band66	15MHz	16QAM	132047	75RB#0	21.19	20.41	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.42	21.64	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.49	21.71	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.38	21.60	30.00	PASS
Band66	15MHz	16QAM	132322	36RB#0	21.31	20.53	30.00	PASS
Band66	15MHz	16QAM	132322	36RB#18	21.33	20.55	30.00	PASS
Band66	15MHz	16QAM	132322	36RB#39	21.29	20.51	30.00	PASS
Band66	15MHz	16QAM	132322	75RB#0	21.31	20.53	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#0	22.38	21.60	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#38	22.40	21.62	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.31	21.53	30.00	PASS
Band66	15MHz	16QAM	132597	36RB#0	21.36	20.58	30.00	PASS
Band66	15MHz	16QAM	132597	36RB#18	21.34	20.56	30.00	PASS
Band66	15MHz	16QAM	132597	36RB#39	21.29	20.51	30.00	PASS
Band66	15MHz	16QAM	132597	75RB#0	21.31	20.53	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#0	22.92	22.14	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.21	22.43	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#99	23.02	22.24	30.00	PASS

Band66	20MHz	QPSK	132072	50RB#0	22.17	21.39	30.00	PASS
Band66	20MHz	QPSK	132072	50RB#25	22.29	21.51	30.00	PASS
Band66	20MHz	QPSK	132072	50RB#50	22.17	21.39	30.00	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.19	21.41	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#0	23.05	22.27	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.28	22.50	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.02	22.24	30.00	PASS
Band66	20MHz	QPSK	132322	50RB#0	22.24	21.46	30.00	PASS
Band66	20MHz	QPSK	132322	50RB#25	22.25	21.47	30.00	PASS
Band66	20MHz	QPSK	132322	50RB#50	22.23	21.45	30.00	PASS
Band66	20MHz	QPSK	132322	100RB#0	22.23	21.45	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#0	23.03	22.25	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.27	22.49	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#99	23.01	22.23	30.00	PASS
Band66	20MHz	QPSK	132572	50RB#0	22.26	21.48	30.00	PASS
Band66	20MHz	QPSK	132572	50RB#25	22.28	21.50	30.00	PASS
Band66	20MHz	QPSK	132572	50RB#50	22.22	21.44	30.00	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.24	21.46	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#0	22.17	21.39	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.48	21.70	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.35	21.57	30.00	PASS
Band66	20MHz	16QAM	132072	50RB#0	21.12	20.34	30.00	PASS
Band66	20MHz	16QAM	132072	50RB#25	21.25	20.47	30.00	PASS
Band66	20MHz	16QAM	132072	50RB#50	21.18	20.40	30.00	PASS
Band66	20MHz	16QAM	132072	100RB#0	21.17	20.39	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.32	21.54	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.49	21.71	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#99	22.23	21.45	30.00	PASS
Band66	20MHz	16QAM	132322	50RB#0	21.29	20.51	30.00	PASS
Band66	20MHz	16QAM	132322	50RB#25	21.31	20.53	30.00	PASS
Band66	20MHz	16QAM	132322	50RB#50	21.28	20.50	30.00	PASS
Band66	20MHz	16QAM	132322	100RB#0	21.29	20.51	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#0	22.26	21.48	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#49	22.43	21.65	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#99	22.13	21.35	30.00	PASS
Band66	20MHz	16QAM	132572	50RB#0	21.30	20.52	30.00	PASS
Band66	20MHz	16QAM	132572	50RB#25	21.30	20.52	30.00	PASS
Band66	20MHz	16QAM	132572	50RB#50	21.25	20.47	30.00	PASS
Band66	20MHz	16QAM	132572	100RB#0	21.27	20.49	30.00	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]

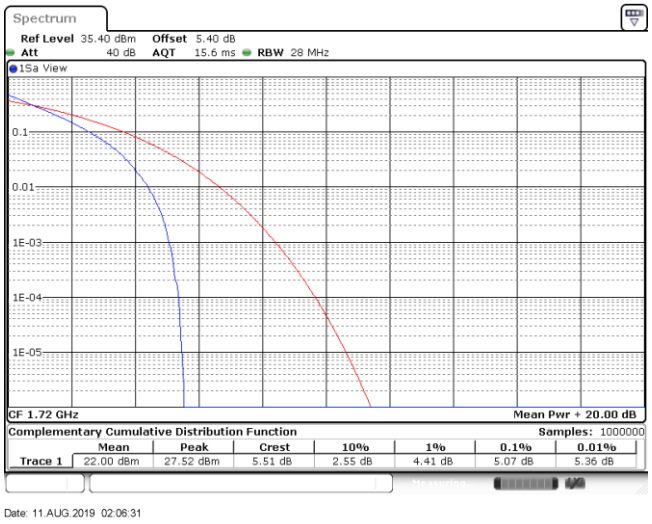
4. Peak-to-Average Ratio (CCDF)

4.1. Test Result

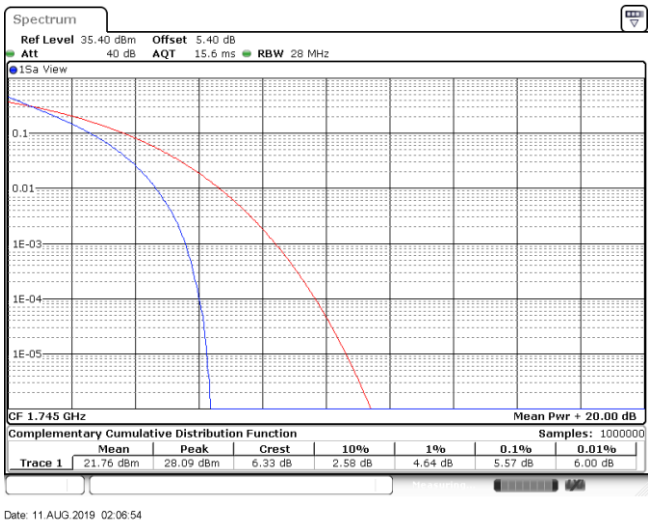
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	5.07	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.57	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.19	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.00	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.41	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.06	13	PASS

4.2. Test Plots

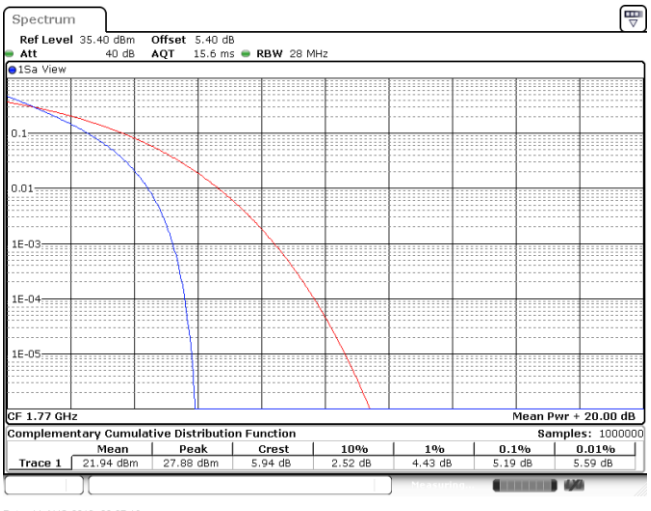
Band66_20MHz_QPSK_132072_100RB#0



Band66_20MHz_QPSK_132322_100RB#0

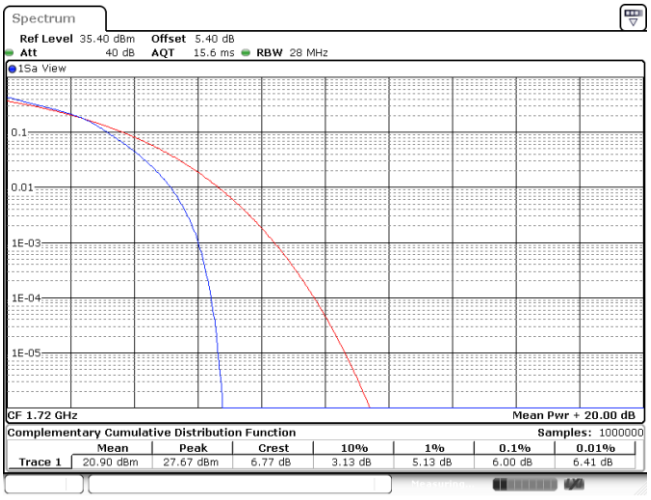


Band66_20MHz_QPSK_132572_100RB#0



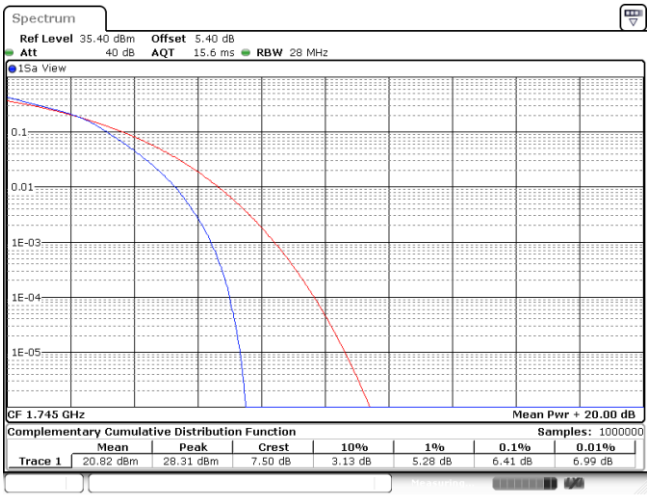
Date: 11.AUG.2019 02:07:16

Band66_20MHz_16QAM_132072_100RB#0



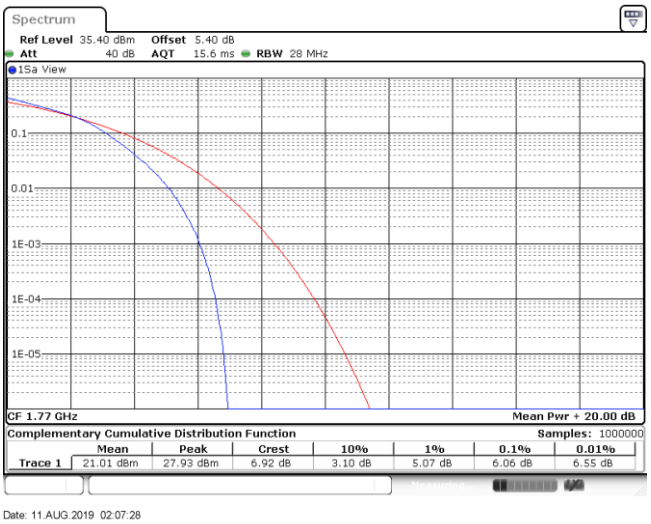
Date: 11.AUG.2019 02:06:43

Band66_20MHz_16QAM_132322_100RB#0



Date: 11.AUG.2019 02:07:05

Band66_20MHz_16QAM_132572_100RB#0

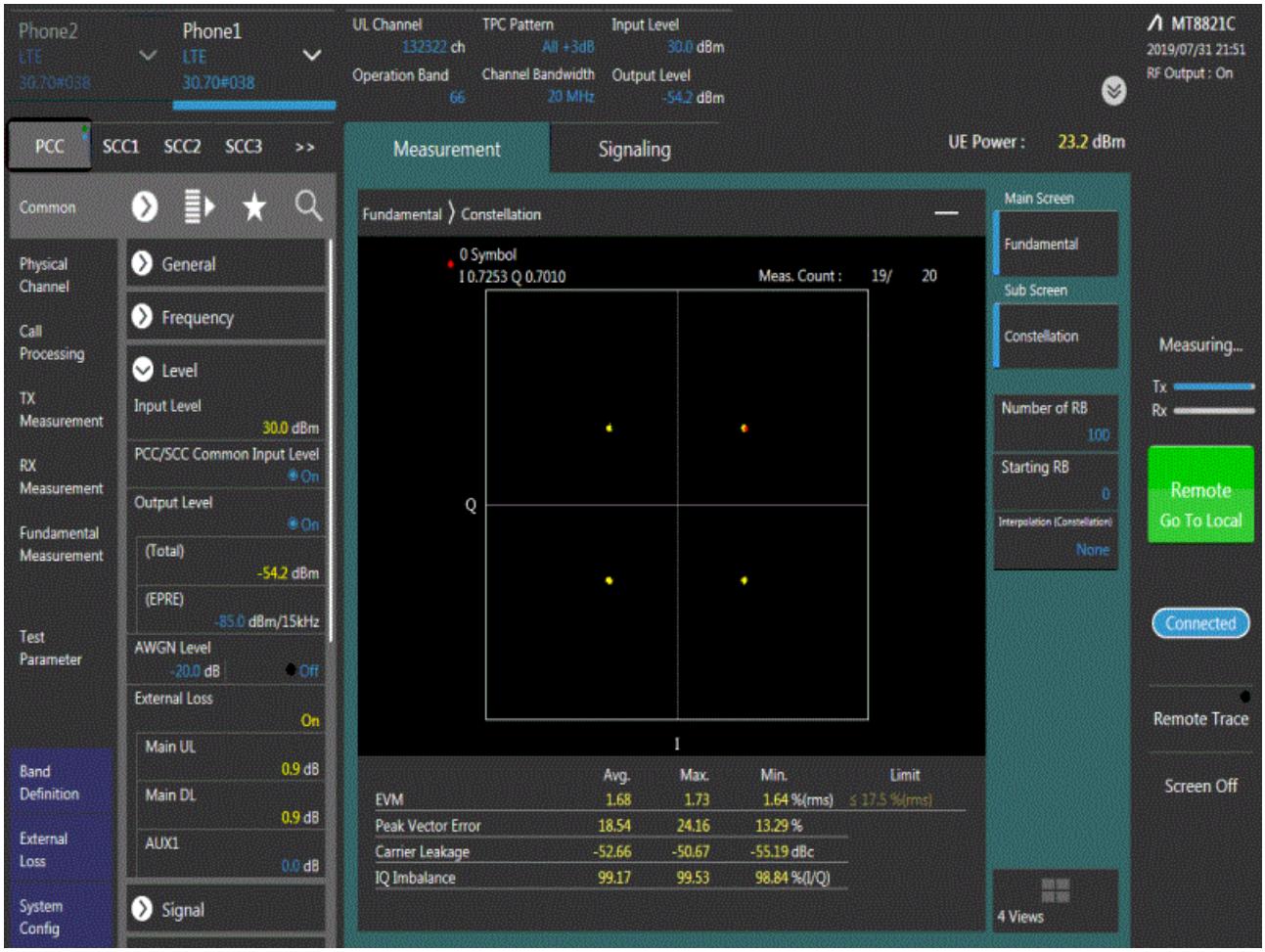


5. Modulation Characteristics

5.1. Test Band = LTE Band 66

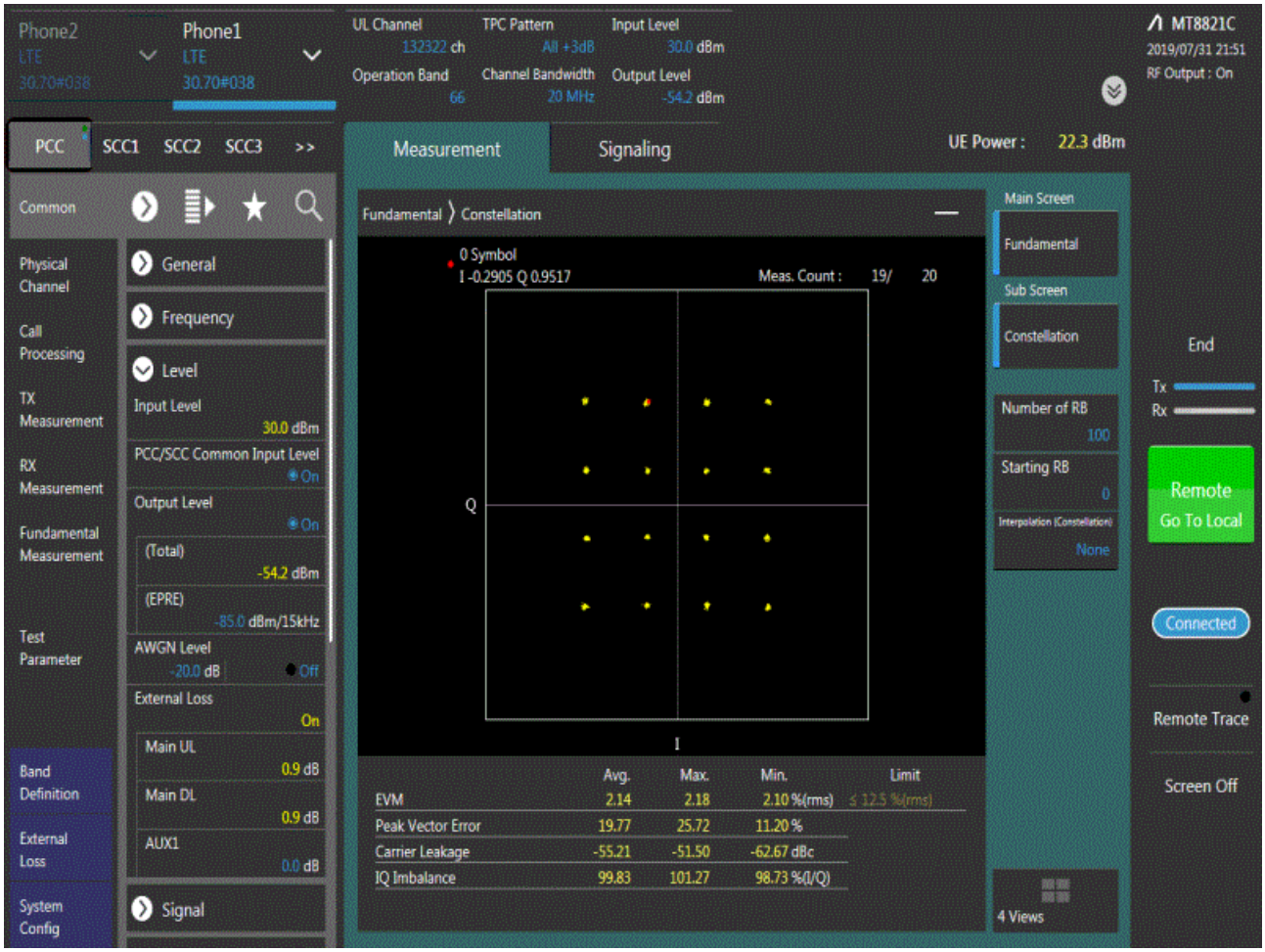
5.2. Test Mode = LTE /TM1 20MHz

5.2.1.Test Channel = MCH



5.3. Test Mode = LTE /TM2 20MHz

5.3.1.Test Channel = MCH



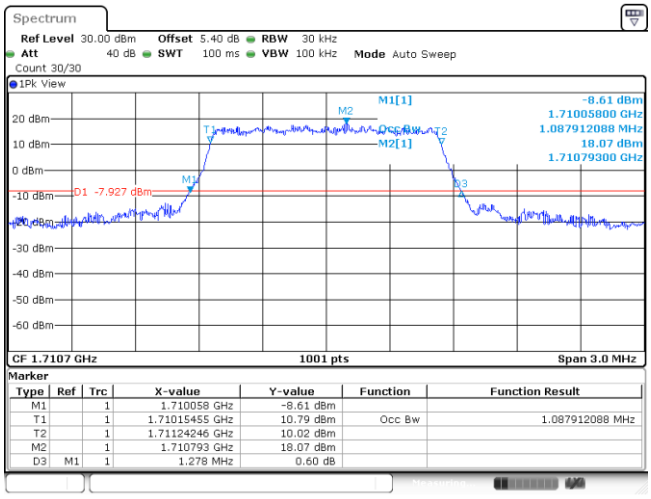
6. 26dB Bandwidth and Occupied Bandwidth

6.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.088	1.278	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.088	1.281	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.091	1.275	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.091	1.293	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.091	1.293	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.091	1.311	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.691	2.916	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.691	2.904	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.691	2.916	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.679	2.892	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.673	2.898	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.673	2.898	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.476	5.060	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.476	5.060	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.476	5.080	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.496	5.110	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.496	5.070	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.496	5.100	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.951	9.900	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.931	9.880	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.931	10.000	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.951	9.860	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.951	9.860	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.951	9.800	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.487	14.850	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.516	14.940	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.487	15.060	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.516	15.150	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.487	15.000	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.457	15.180	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.902	19.720	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.902	19.640	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.902	19.680	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.942	19.600	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.942	19.840	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.902	19.720	PASS

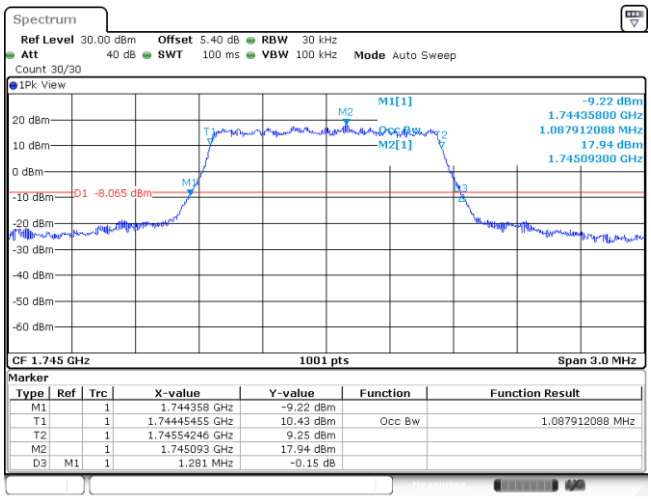
6.2. Test Plots

Band66_1.4MHz_QPSK_131979_6RB#0



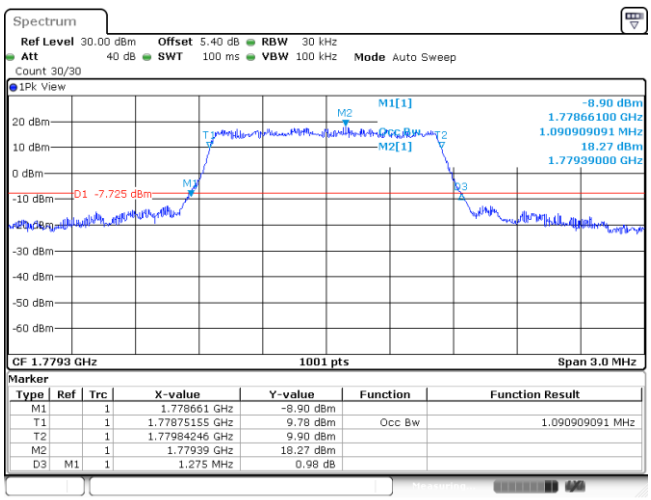
Date: 10.AUG.2019 23:09:49

Band66_1.4MHz_QPSK_132322_6RB#0



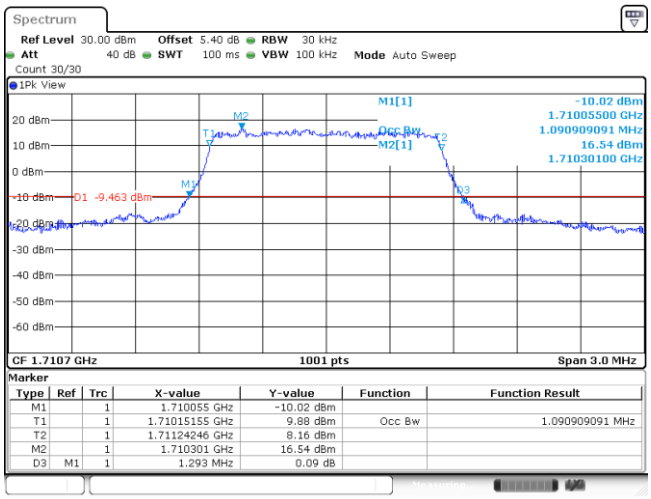
Date: 10.AUG.2019 23:10:14

Band66_1.4MHz_QPSK_132665_6RB#0



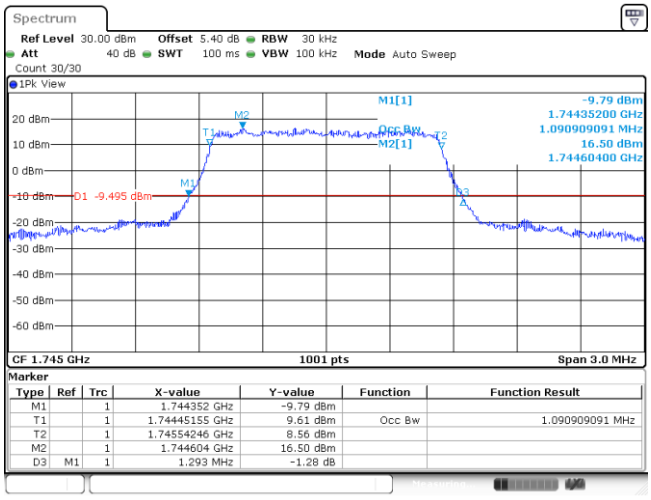
Date: 10.AUG.2019 23:10:40

Band66_1.4MHz_16QAM_131979_6RB#0



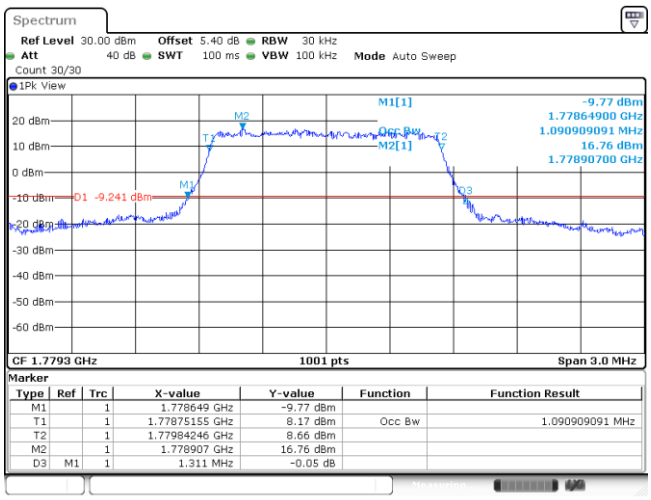
Date: 10.AUG.2019 23:10:01

Band66_1.4MHz_16QAM_132322_6RB#0



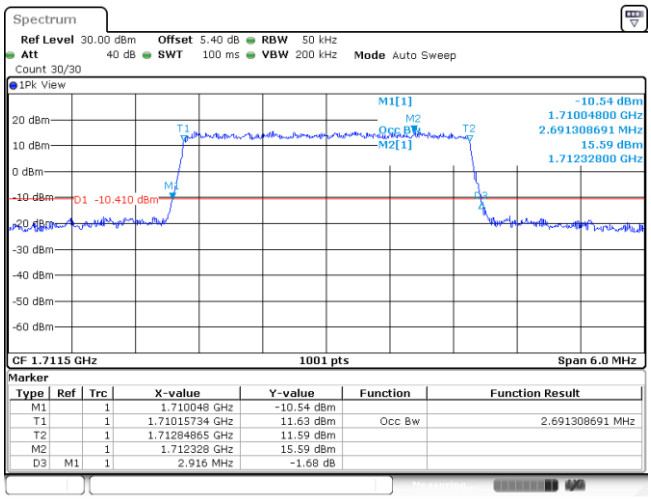
Date: 10.AUG.2019 23:10:27

Band66_1.4MHz_16QAM_132665_6RB#0



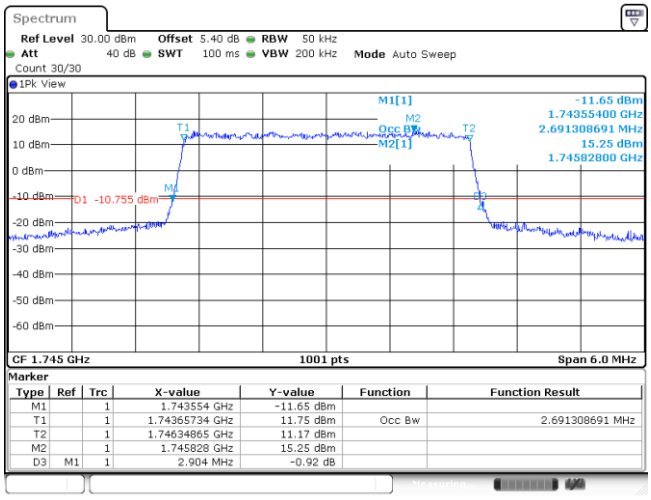
Date: 10.AUG.2019 23:10:53

Band66_3MHz_QPSK_131987_15RB#0



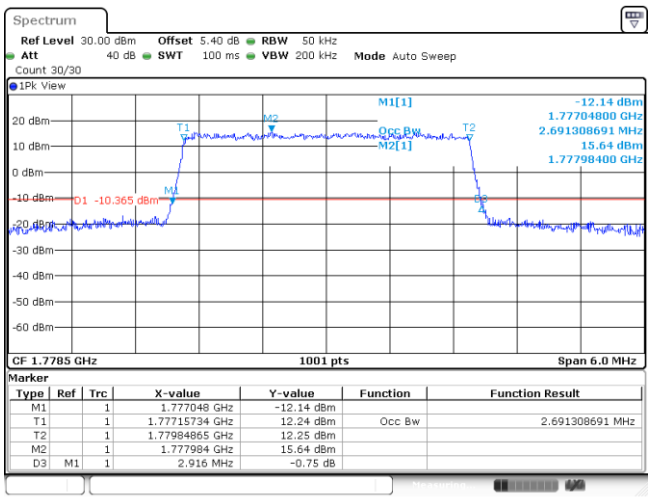
Date: 10.AUG.2019 23:11:10

Band66_3MHz_QPSK_132322_15RB#0



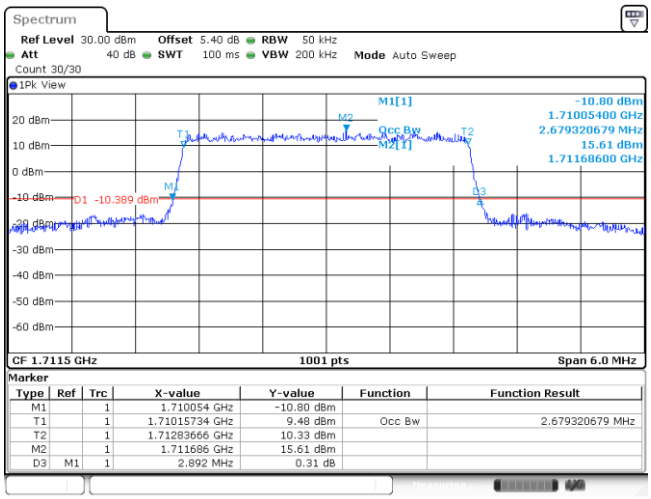
Date: 10.AUG.2019 23:11:36

Band66_3MHz_QPSK_132657_15RB#0



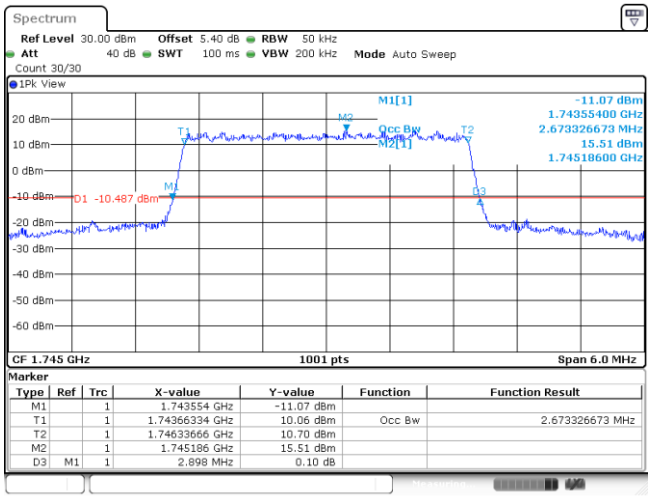
Date: 10.AUG.2019 23:12:02

Band66_3MHz_16QAM_131987_15RB#0



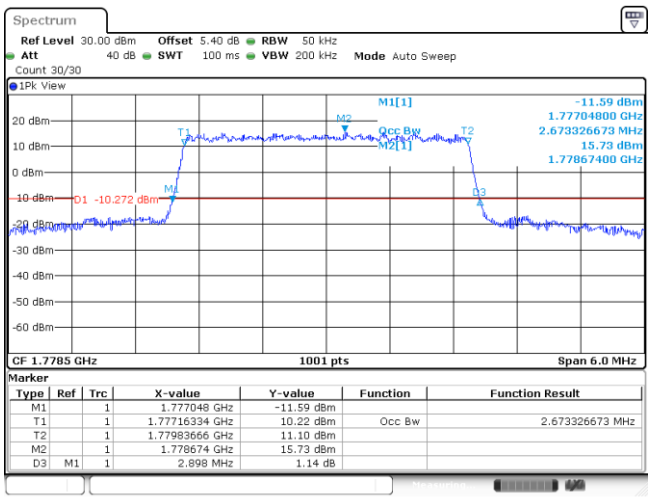
Date: 10.AUG.2019 23:11:23

Band66_3MHz_16QAM_132322_15RB#0



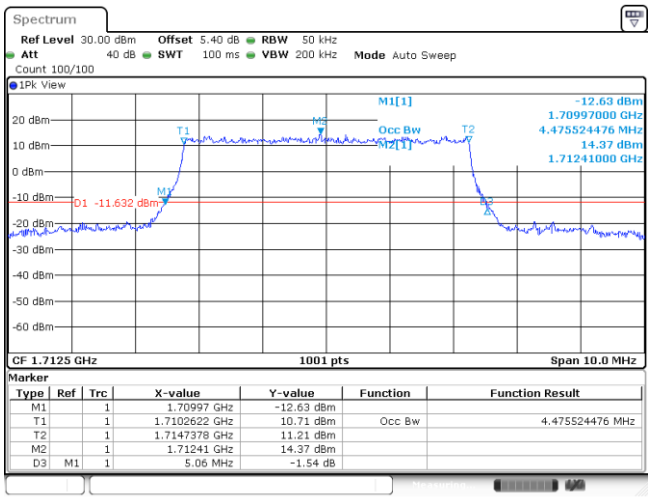
Date: 10.AUG.2019 23:11:49

Band66_3MHz_16QAM_132657_15RB#0



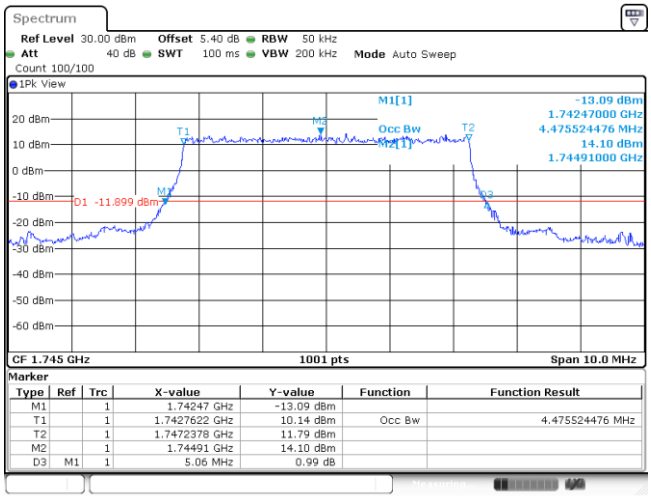
Date: 10.AUG.2019 23:12:14

Band66_5MHz_QPSK_131997_25RB#0



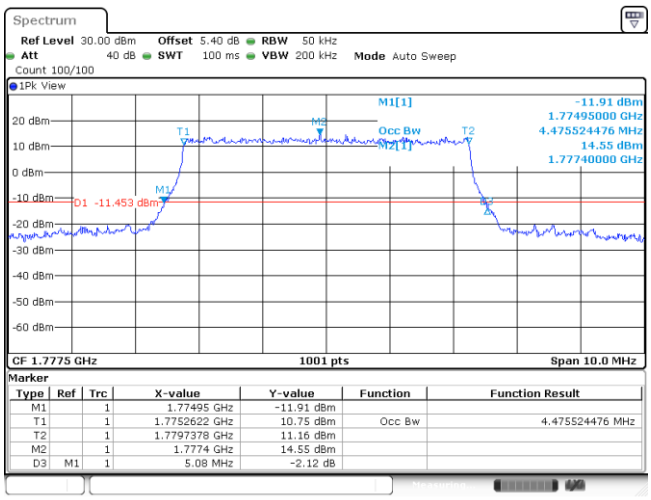
Date: 10.AUG.2019 23:12:39

Band66_5MHz_QPSK_132322_25RB#0



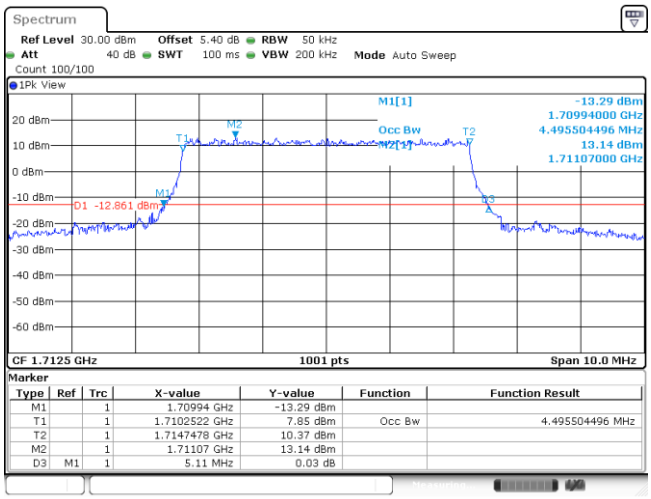
Date: 10.AUG.2019 23:13:18

Band66_5MHz_QPSK_132647_25RB#0



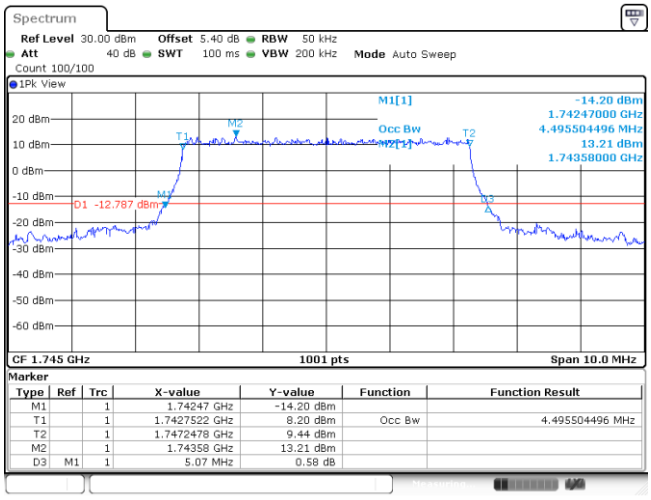
Date: 10.AUG.2019 23:13:58

Band66_5MHz_16QAM_131997_25RB#0



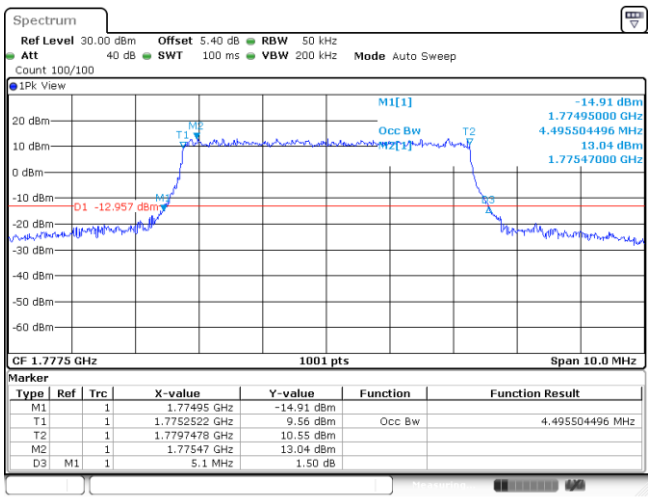
Date: 10.AUG.2019 23:12:58

Band66_5MHz_16QAM_132322_25RB#0



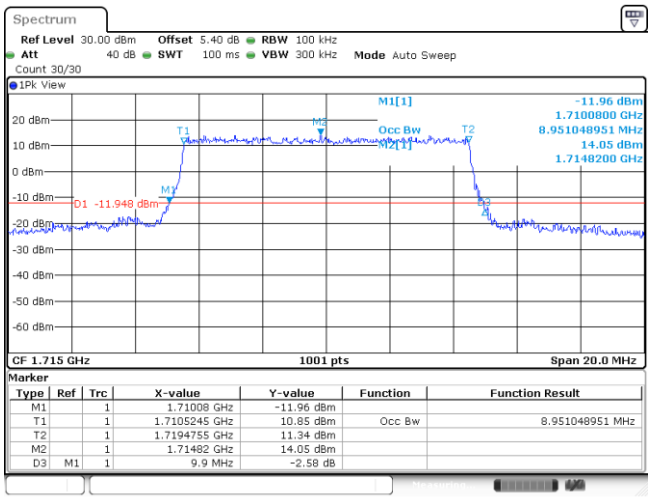
Date: 10.AUG.2019 23:13:38

Band66_5MHz_16QAM_132647_25RB#0



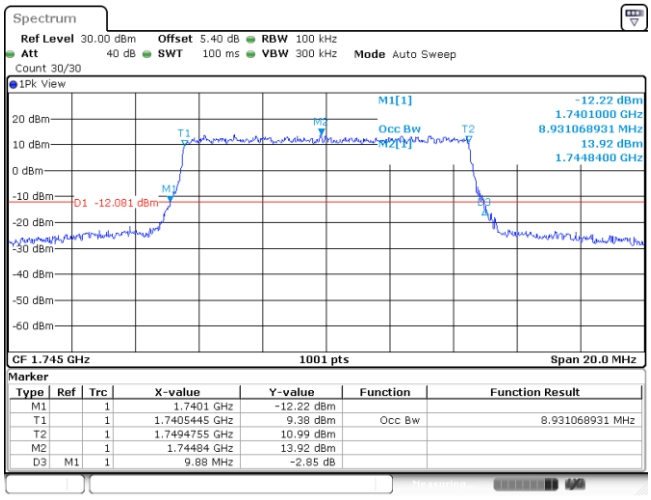
Date: 10.AUG.2019 23:14:18

Band66_10MHz_QPSK_132022_50RB#0



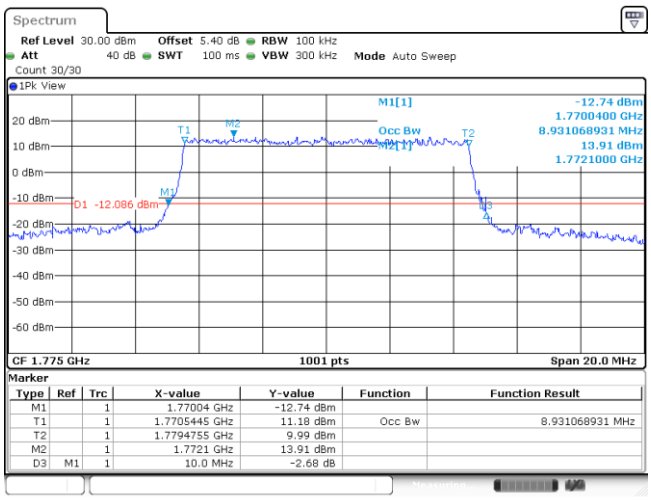
Date: 10.AUG.2019 23:14:35

Band66_10MHz_QPSK_132322_50RB#0



Date: 10.AUG.2019 23:15:01

Band66_10MHz_QPSK_132622_50RB#0



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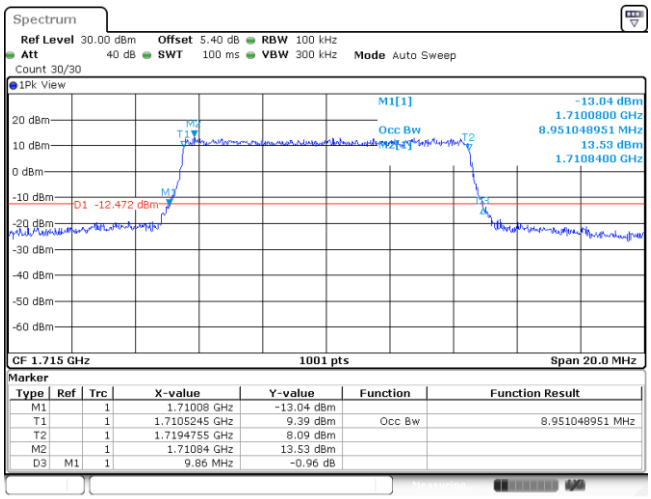
Band66_10MHz_16QAM_132022_50RB#0



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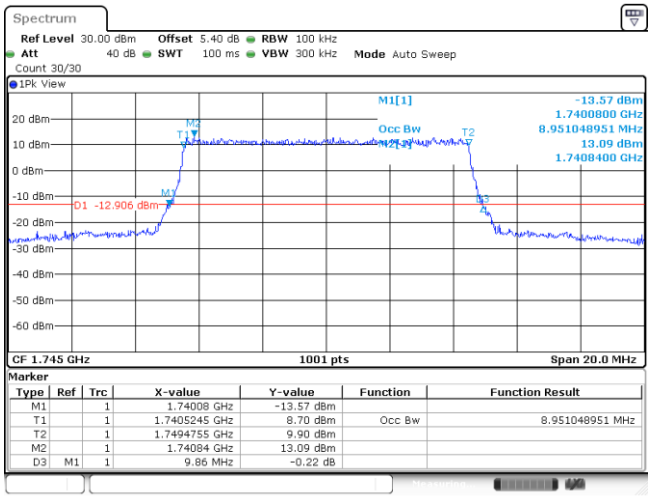
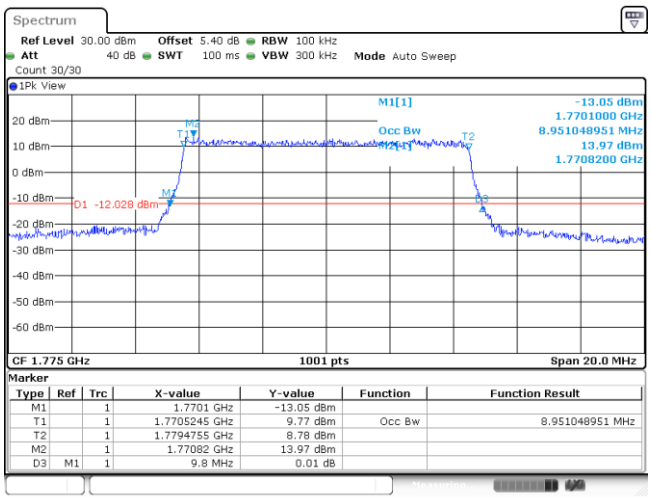


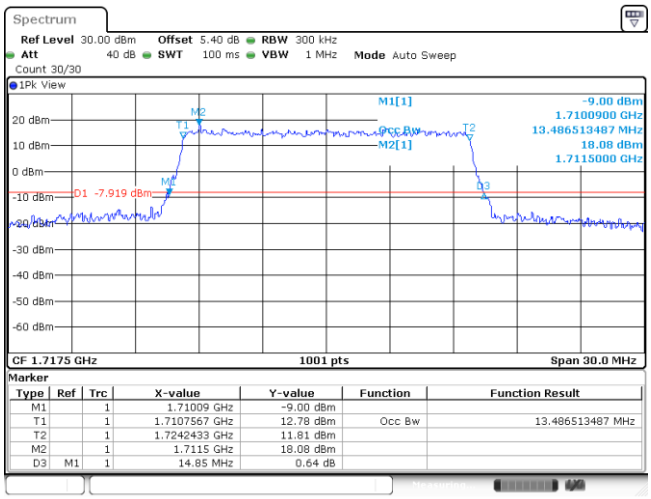
Date: 10.AUG.2019 23:15:13

Band66_10MHz_16QAM_132622_50RB#0



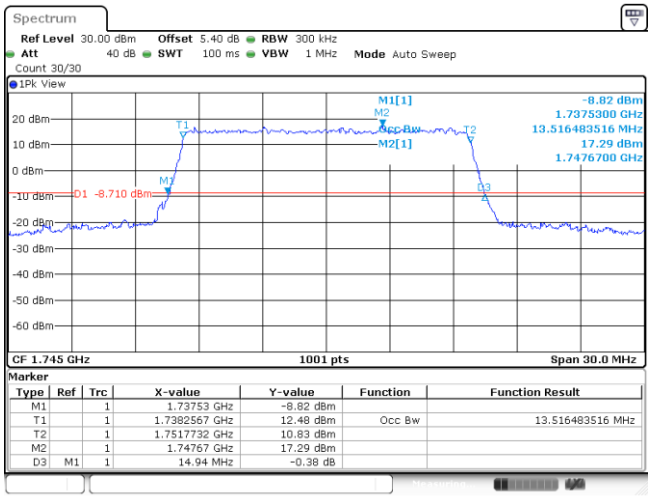
Date: 10.AUG.2019 23:15:39

Band66_15MHz_QPSK_132047_75RB#0



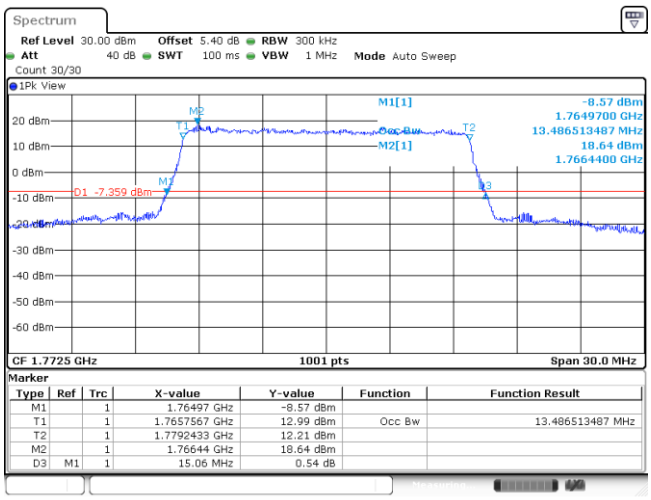
Date: 10.AUG.2019 23:15:56

Band66_15MHz_QPSK_132322_75RB#0



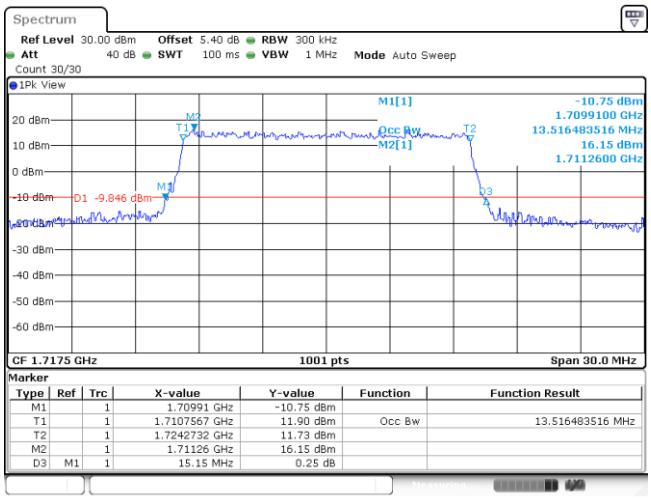
Date: 10.AUG.2019 23:16:22

Band66_15MHz_QPSK_132597_75RB#0



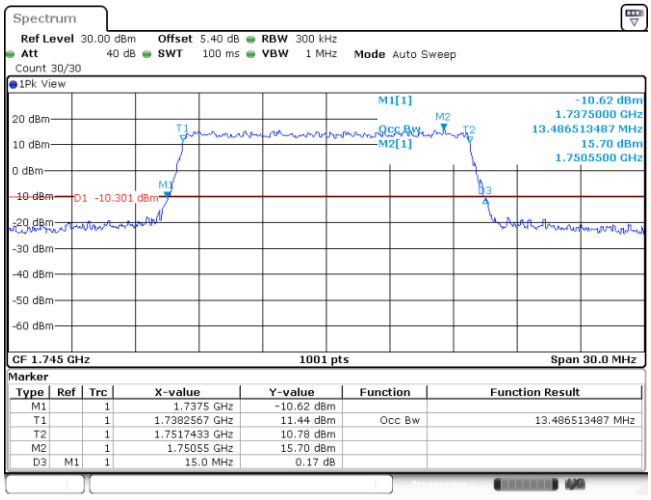
Date: 10.AUG.2019 23:16:47

Band66_15MHz_16QAM_132047_75RB#0



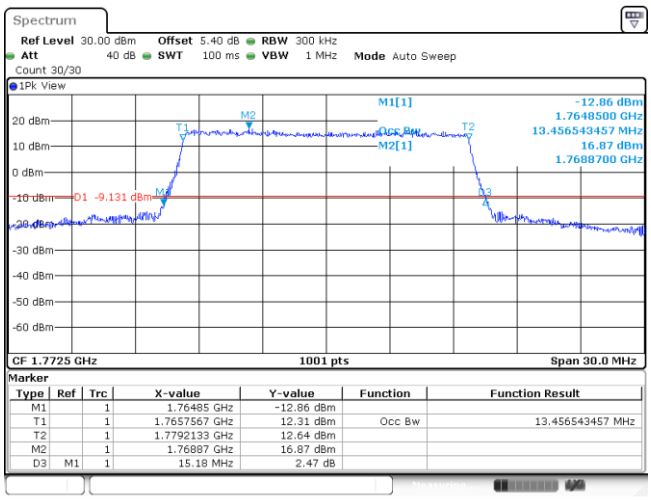
Date: 10.AUG.2019 23:16:09

Band66_15MHz_16QAM_132322_75RB#0



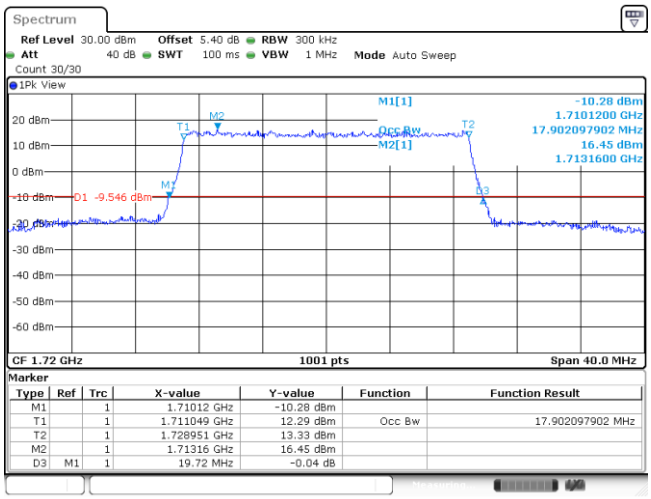
Date: 10.AUG.2019 23:16:35

Band66_15MHz_16QAM_132597_75RB#0



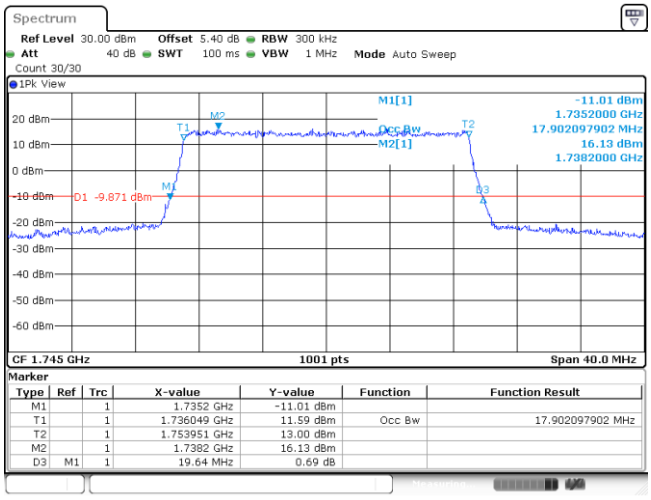
Date: 10.AUG.2019 23:17:00

Band66_20MHz_QPSK_132072_100RB#0



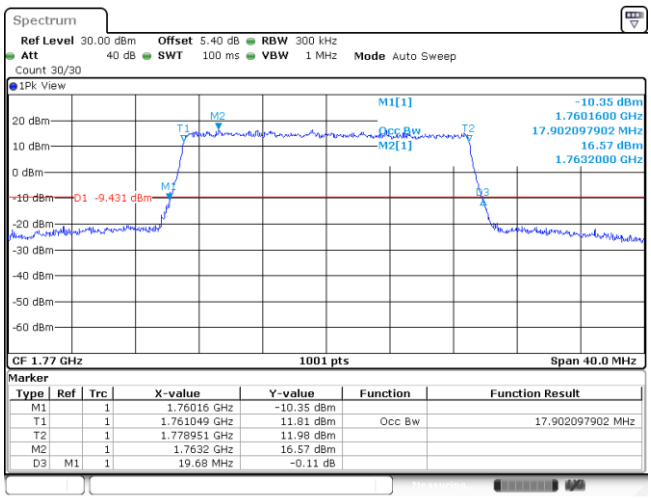
Date: 10.AUG.2019 23:17:17

Band66_20MHz_QPSK_132322_100RB#0



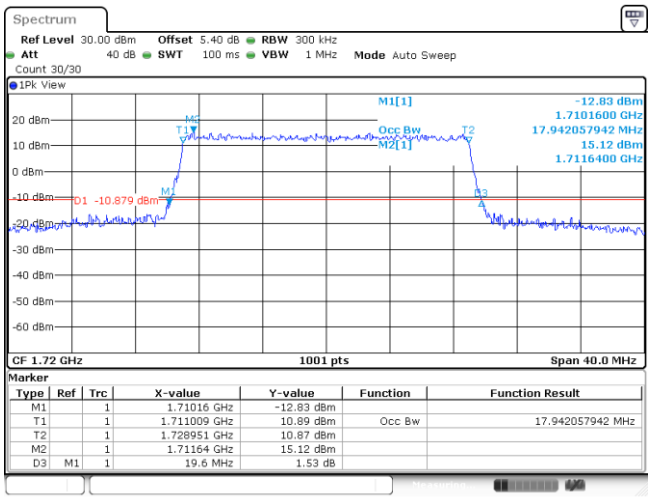
Date: 10.AUG.2019 23:17:43

Band66_20MHz_QPSK_132572_100RB#0



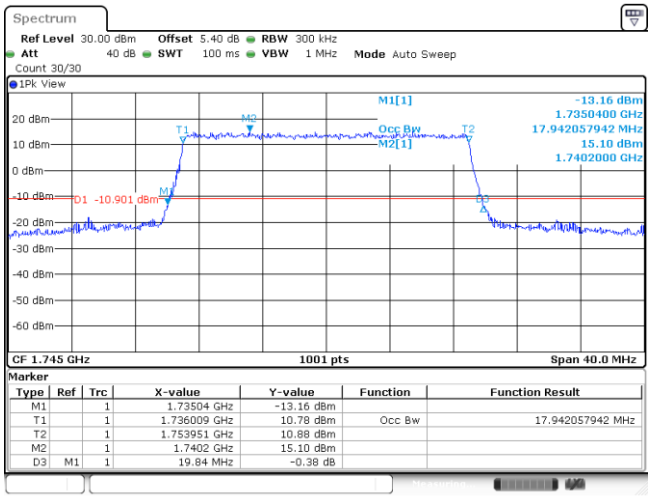
Date: 10.AUG.2019 23:18:09

Band66_20MHz_16QAM_132072_100RB#0



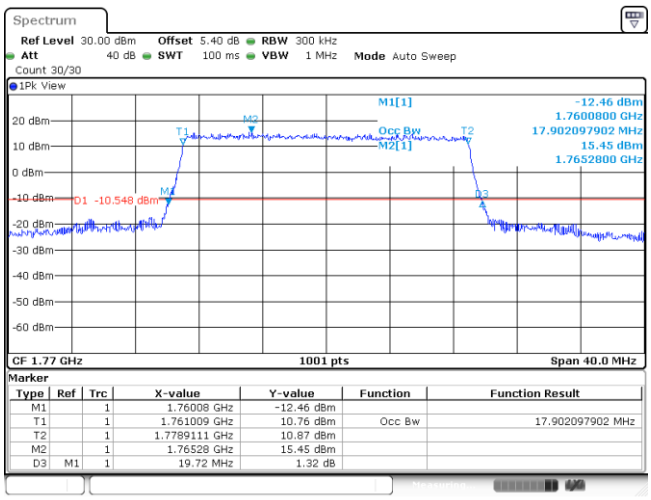
Date: 10.AUG.2019 23:17:30

Band66_20MHz_16QAM_132322_100RB#0



Date: 10.AUG.2019 23:17:56

Band66_20MHz_16QAM_132572_100RB#0



Date: 10.AUG.2019 23:18:22