

Appendix B

E-UTRA BAND 5



CONTENT

1. EFFECTIVE (ISOTROPIC) RADIATED POWER	3
1.1. Test Result	3
2. PEAK-TO-AVERAGE RATIO(CCDF).....	10
2.1. Test Result	10
2.2. Test Plots.....	10
3. MODULATION CHARACTERISTICS	15
3.1. Test BAND = LTE BAND5	15
3.1.1. Test Mode = LTE /TM1 10MHz.....	15
3.1.1.1. Test Channel = MCH.....	15
3.1.2. Test Mode = LTE /TM2 10MHz.....	16
3.1.2.1. Test Channel = MCH.....	16
3.1.3. Test Mode = LTE /TM3 10MHz.....	17
3.1.3.1. Test Channel = MCH.....	17
4. 26dB BANDWIDTH AND OCCUPIED BANDWIDTH	18
4.1. Test Result	18
4.2. Test Plots.....	19
5. BAND EDGE COMPLIANCE	37
5.1. Test Plots.....	37
6. SPURIOUS EMISSION AT ANTENNA TERMINAL	61
6.1. Test Plots.....	61
7. FIELD STRENGTH OF SPURIOUS RADIATION.....	68
7.1. MAIN ANTENNA	68
7.1.1. Test BAND = LTE BAND 5.....	68
7.2. SECONDARY ANTENNA	74
7.2.1. Test BAND = LTE BAND 5.....	74
8. FREQUENCY STABILITY.....	80
8.1. Frequency Vs Voltage	80
8.2. Frequency Vs Temperature	80



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1. Effective (Isotropic) Radiated Power

1.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP (dBm)	limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.48	14.13	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.45	14.1	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.46	14.11	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.36	14.01	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.34	13.99	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.31	13.96	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.82	12.47	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.54	14.19	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.28	13.93	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.5	14.15	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.36	14.01	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.47	14.12	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.47	14.12	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.92	12.57	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.52	14.17	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.43	14.08	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.59	14.24	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.39	14.04	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.54	14.19	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.38	14.03	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.92	12.57	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	21.36	12.01	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	20.89	11.54	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	21.3	11.95	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	21.07	11.72	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	20.84	11.49	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	20.97	11.62	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	20.04	10.69	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	21.3	11.95	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	20.93	11.58	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	21.28	11.93	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	21.01	11.66	38.45	PASS



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Band5	1.4MHz	64QAM	20525	3RB#1	20.98	11.63	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	21.01	11.66	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.01	10.66	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.33	11.98	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	20.88	11.53	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.28	11.93	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	20.98	11.63	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	20.94	11.59	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	20.96	11.61	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	19.98	10.63	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.12	12.77	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	21.85	12.5	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.15	12.8	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.02	12.67	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.95	12.6	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.98	12.63	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.9	11.55	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.24	12.89	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.96	12.61	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.2	12.85	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	21.94	12.59	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.92	12.57	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.98	12.63	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21	11.65	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.29	12.94	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22	12.65	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.12	12.77	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.03	12.68	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.96	12.61	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.01	12.66	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.82	11.47	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.51	14.16	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.47	14.12	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.42	14.07	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.9	12.55	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.92	12.57	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.94	12.59	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.95	12.6	38.45	PASS



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Band5	3MHz	QPSK	20525	1RB#0	23.54	14.19	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.6	14.25	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.56	14.21	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.93	12.58	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.96	12.61	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.89	12.54	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.97	12.62	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.44	14.09	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.51	14.16	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.58	14.23	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.01	12.66	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.95	12.6	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.92	12.57	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.97	12.62	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	21.19	11.84	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	21.17	11.82	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	21.18	11.83	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	20.09	10.74	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	20.03	10.68	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	20	10.65	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	19.98	10.63	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	21.22	11.87	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	21.25	11.9	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	21.22	11.87	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	20.13	10.78	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	20.02	10.67	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	19.94	10.59	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	19.96	10.61	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	21.22	11.87	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	21.28	11.93	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	21.12	11.77	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	20.03	10.68	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	20.05	10.7	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	19.95	10.6	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	19.99	10.64	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.14	12.79	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.19	12.84	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.17	12.82	38.45	PASS



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Band5	3MHz	16QAM	20415	8RB#0	20.98	11.63	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.98	11.63	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	20.98	11.63	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.01	11.66	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.21	12.86	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.18	12.83	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.13	12.78	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.05	11.7	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.99	11.64	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.93	11.58	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.94	11.59	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.18	12.83	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.4	13.05	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.22	12.87	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	20.95	11.6	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.99	11.64	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.96	11.61	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.97	11.62	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.45	14.1	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.92	13.57	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.39	14.04	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.02	12.67	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.93	12.58	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.95	12.6	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.92	12.57	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.48	14.13	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.99	13.64	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.43	14.08	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.04	12.69	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.07	12.72	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.99	12.64	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.98	12.63	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.48	14.13	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.92	13.57	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.43	14.08	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.99	12.64	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.96	12.61	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.99	12.64	38.45	PASS



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Band5	5MHz	QPSK	20625	25RB#0	21.94	12.59	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	21.27	11.92	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	20.88	11.53	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	21.11	11.76	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	20.08	10.73	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	20	10.65	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	20	10.65	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	19.96	10.61	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	21.25	11.9	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	21.12	11.77	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	21.04	11.69	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	20.08	10.73	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	19.99	10.64	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	20	10.65	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.02	10.67	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	21.2	11.85	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	20.86	11.51	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	21.16	11.81	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	19.97	10.62	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	19.99	10.64	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	20.04	10.69	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.04	10.69	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.25	12.9	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.19	12.84	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.18	12.83	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.12	11.77	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	20.95	11.6	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.95	11.6	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.9	11.55	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.21	12.86	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.28	12.93	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.2	12.85	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21	11.65	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.07	11.72	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.98	11.63	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.94	11.59	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.26	12.91	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.32	11.97	38.45	PASS



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Band5	5MHz	16QAM	20625	1RB#24	22.15	12.8	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.08	11.73	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.97	11.62	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.98	11.63	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.9	11.55	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.5	14.15	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.57	14.22	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.59	14.24	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.95	12.6	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.96	12.61	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.93	12.58	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.94	12.59	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.58	14.23	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.58	14.23	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.63	14.28	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.97	12.62	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.95	12.6	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.92	12.57	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.93	12.58	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.57	14.22	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.54	14.19	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.6	14.25	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	21.96	12.61	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.94	12.59	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.91	12.56	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.95	12.6	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	21.23	11.88	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	20.99	11.64	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.27	11.92	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	19.97	10.62	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	19.99	10.64	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	19.94	10.59	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	19.92	10.57	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	21.28	11.93	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	21.15	11.8	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.41	12.06	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	19.99	10.64	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	20	10.65	38.45	PASS



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Band5	10MHz	64QAM	20525	25RB#25	19.96	10.61	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	19.94	10.59	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	21.19	11.84	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	21.19	11.84	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	21.37	12.02	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	19.96	10.61	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	20	10.65	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	19.99	10.64	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	19.96	10.61	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.29	12.94	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.07	12.72	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.34	12.99	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.95	11.6	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.93	11.58	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.89	11.54	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.89	11.54	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.22	12.87	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	21.98	12.63	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.35	13	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.04	11.69	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.1	11.75	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.89	11.54	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.91	11.56	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.24	12.89	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.02	12.67	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.35	13	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.04	11.69	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.93	11.58	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.89	11.54	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.9	11.55	38.45	PASS

Remark:

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

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b: SGP=Signal Generator Level



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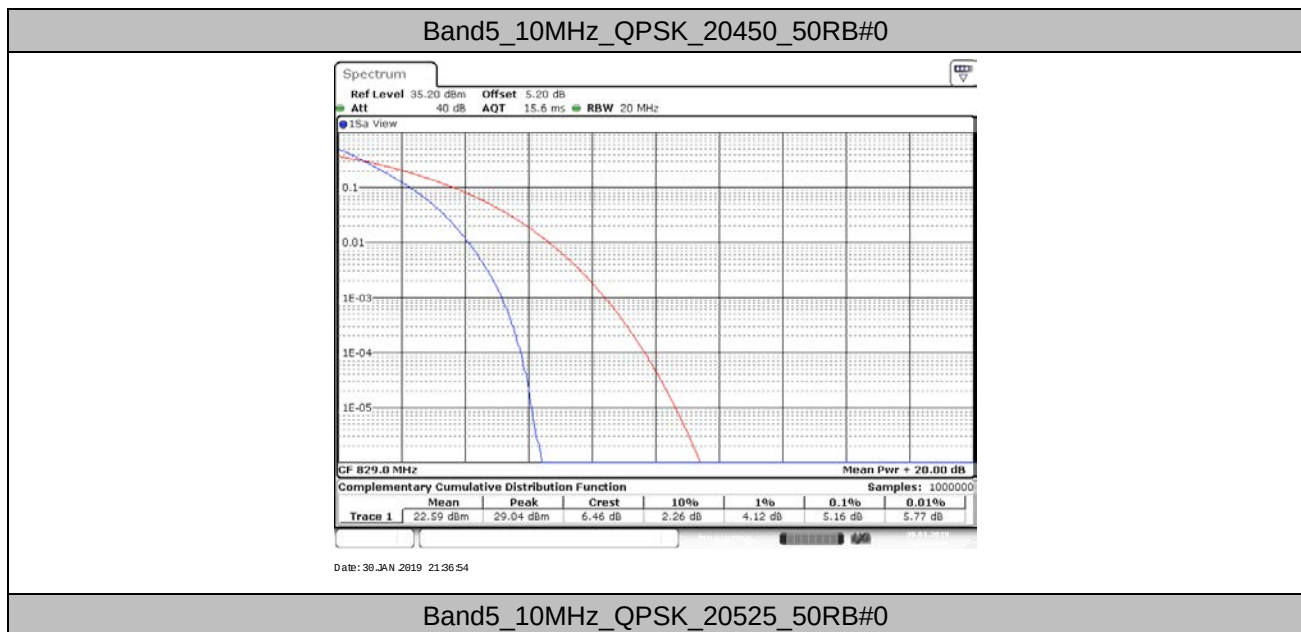


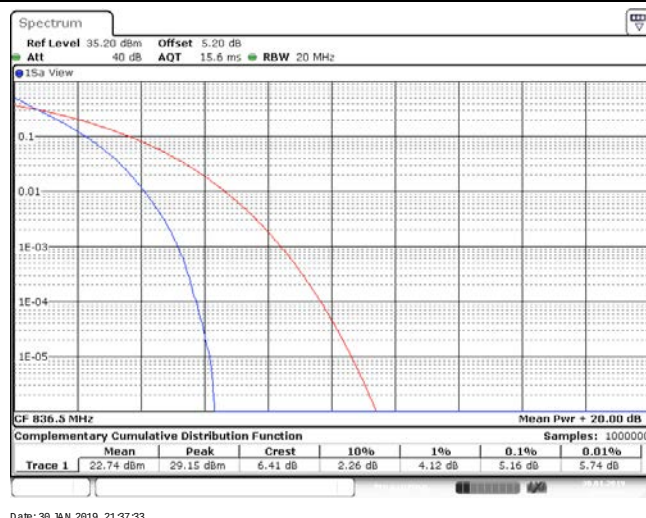
2. Peak-to-Average Ratio(CCDF)

2.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	5.16	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.16	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.19	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	5.74	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.03	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	5.80	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.74	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.83	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.80	13	PASS

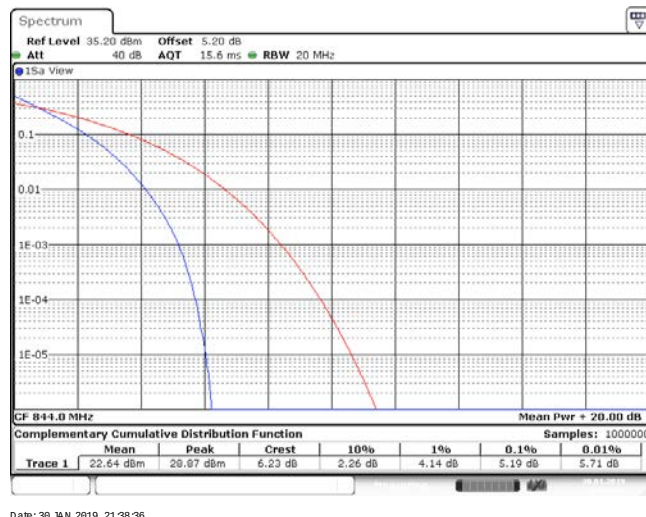
2.2. Test Plots





Date: 30 JAN 2019 21:37:33

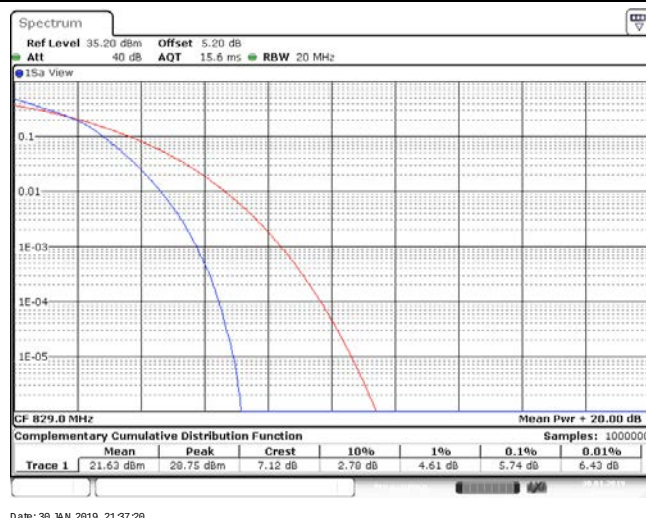
Band5_10MHz_QPSK_20600_50RB#0



Date: 30 JAN 2019 21:38:36

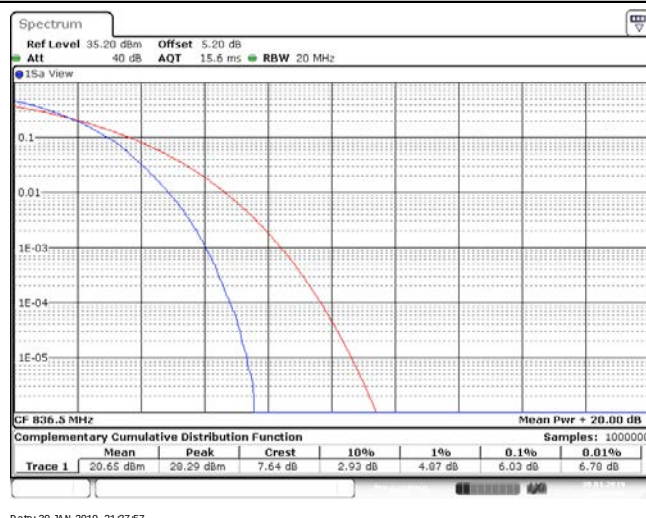
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Date: 30 JAN 2019 21:37:29

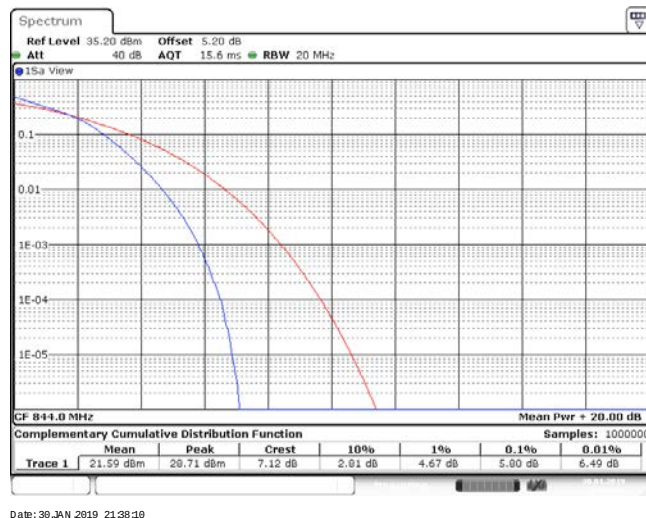
Band5_10MHz_64QAM_20525_50RB#0



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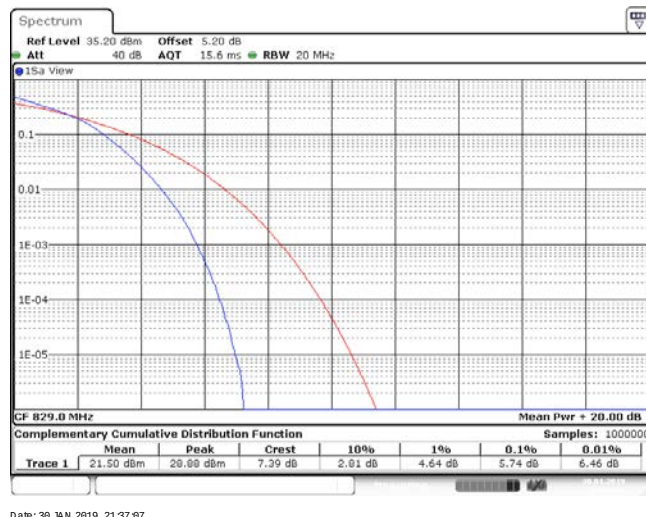
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Date: 30 JAN 2019 21:38:10

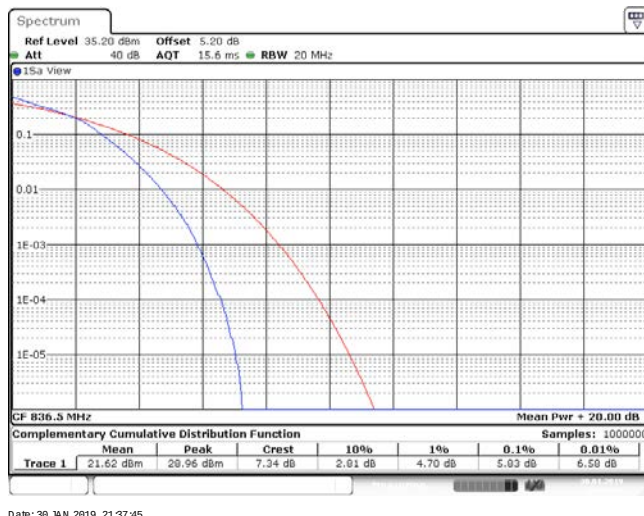
Band5_10MHz_16QAM_20450_50RB#0



Date: 30 JAN 2019 21:37:07

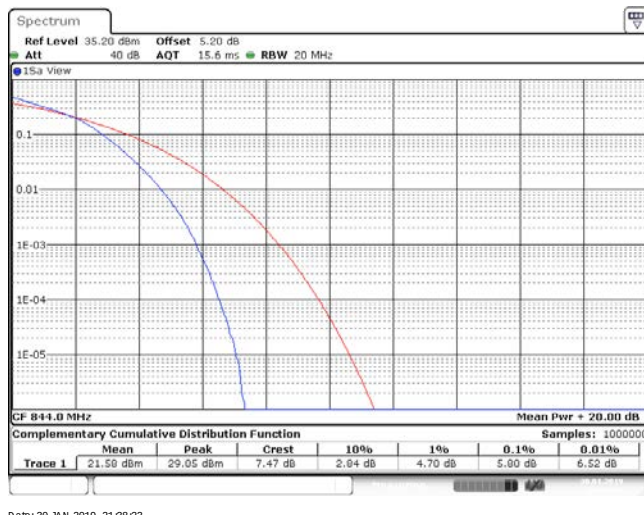
Band5_10MHz_16QAM_20525_50RB#0





Date: 30 JAN 2019 21:37:45

Band5_10MHz_16QAM_20600_50RB#0



Date: 30 JAN 2019 21:38:23

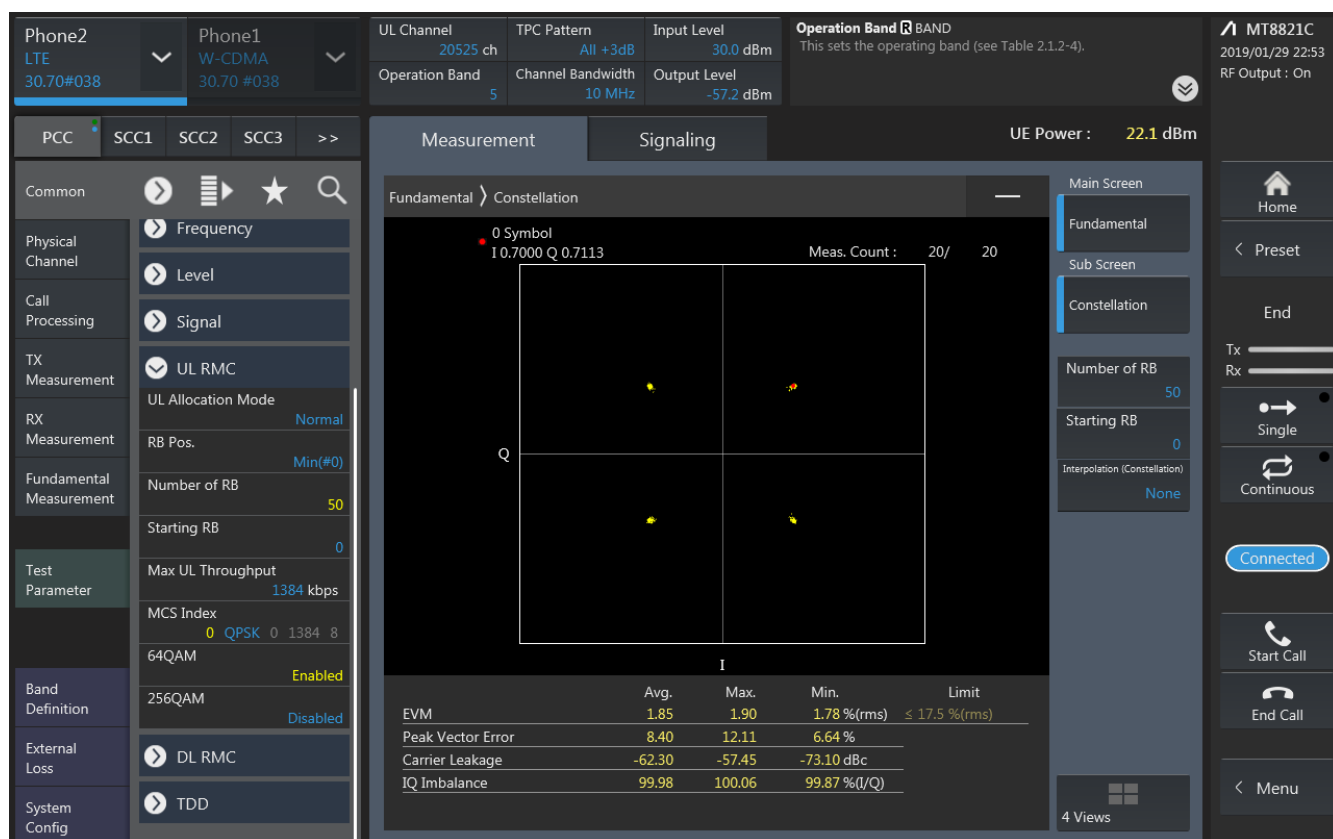


3. Modulation Characteristics

3.1. Test BAND = LTE BAND5

3.1.1. Test Mode = LTE /TM1 10MHz

3.1.1.1. Test Channel = MCH



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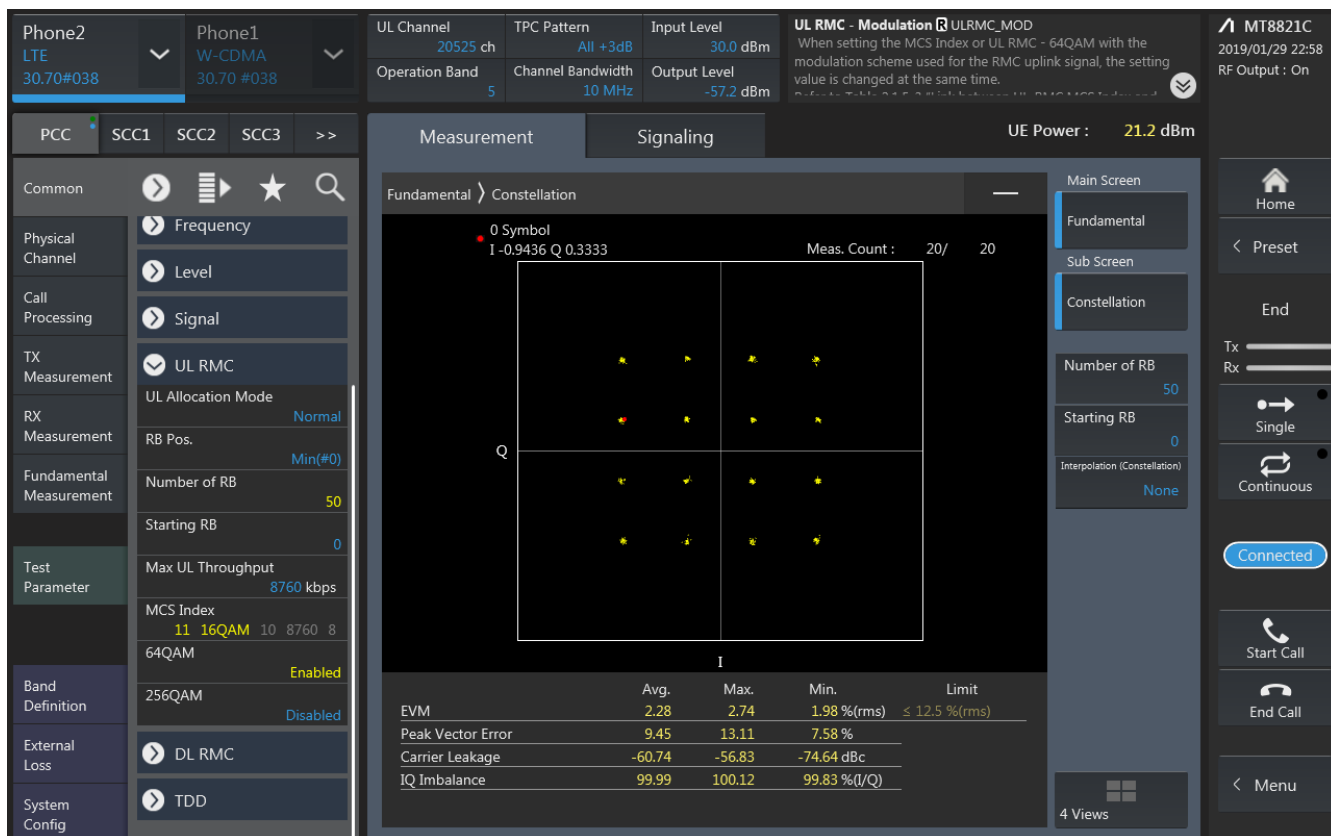
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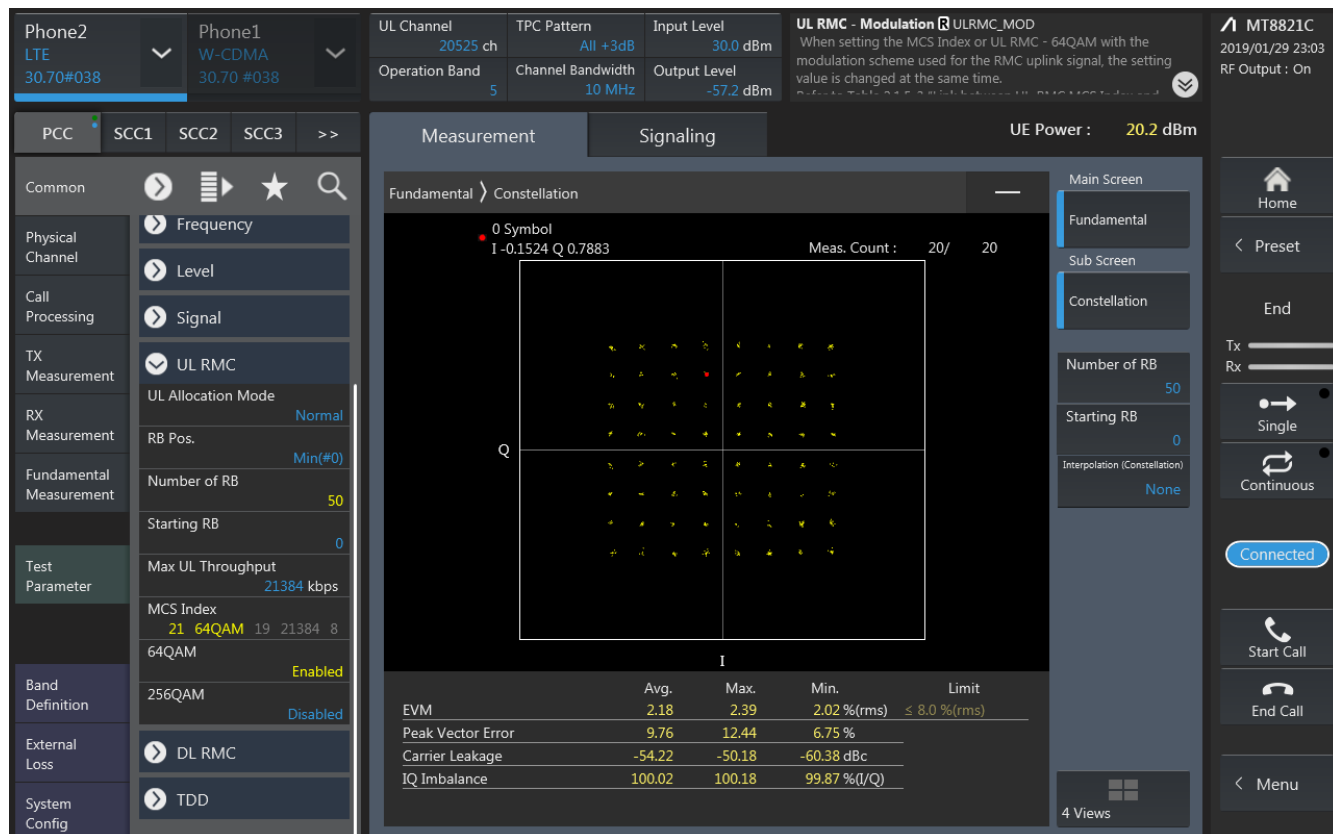
3.1.2. Test Mode = LTE /TM2 10MHz

3.1.2.1. Test Channel = MCH



3.1.3. Test Mode = LTE /TM3 10MHz

3.1.3.1. Test Channel = MCH





4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.103	1.251	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.097	1.260	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.100	1.248	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.100	1.242	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.097	1.251	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.097	1.248	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.103	1.245	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.103	1.242	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.094	1.251	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.703	2.976	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.697	2.988	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.697	2.982	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.703	2.988	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.697	2.976	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.691	2.976	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.703	3.000	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.703	2.988	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.703	2.988	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.486	4.920	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.476	4.920	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.486	4.960	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.476	4.890	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.476	4.910	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.486	4.900	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.486	4.880	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.466	4.910	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.486	4.940	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.971	9.820	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.951	9.780	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.951	9.780	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.951	9.820	PASS



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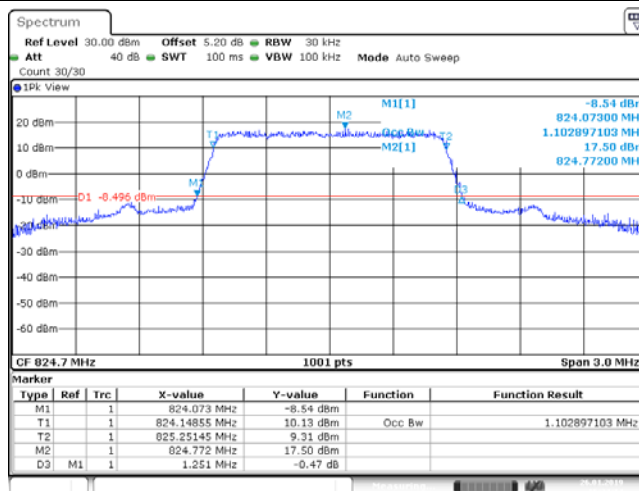
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Band5	10MHz	64QAM	20525	50RB#0	8.951	9.860	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.971	9.780	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.971	9.820	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.951	9.800	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.971	9.740	PASS

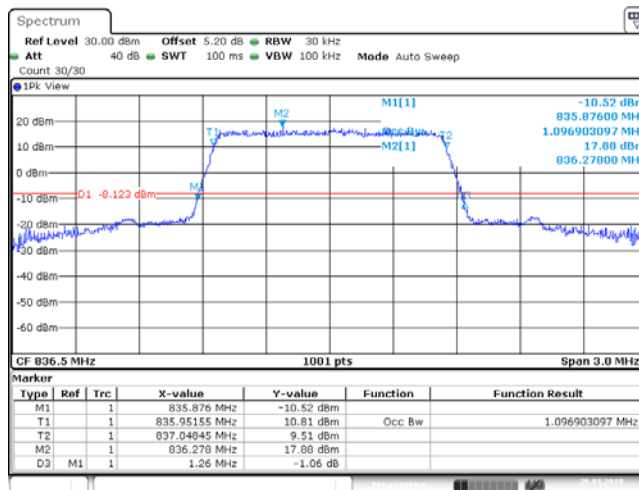
4.2. Test Plots

Band5_1.4MHz_QPSK_20407_6RB#0



Date: 26 JAN 2019 16:24:14

Band5_1.4MHz_QPSK_20525_6RB#0



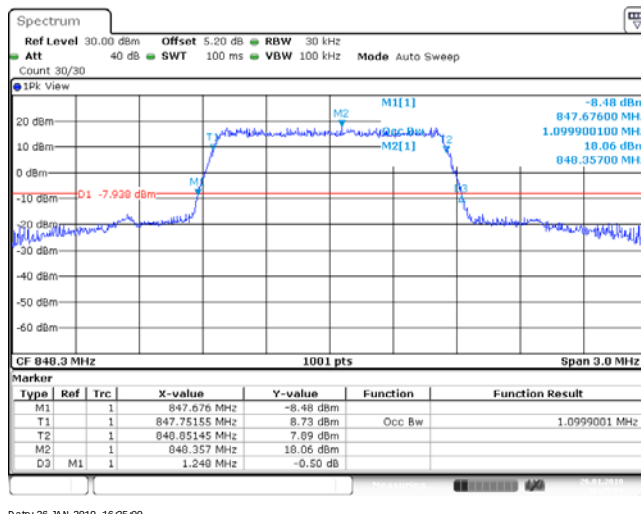
Date: 26 JAN 2019 16:24:38

Band5_1.4MHz_QPSK_20643_6RB#0

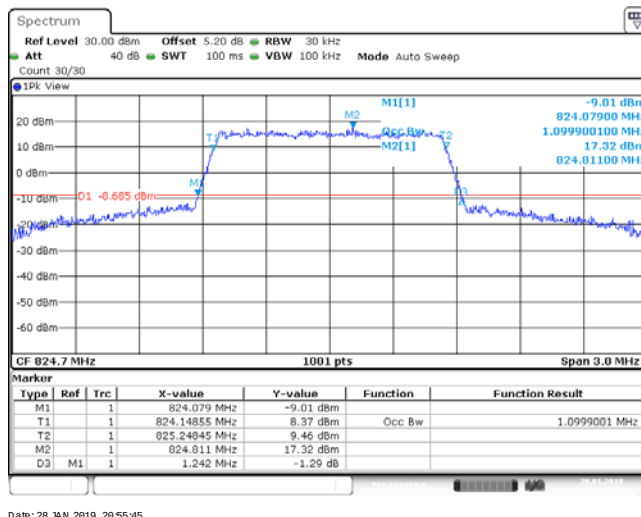


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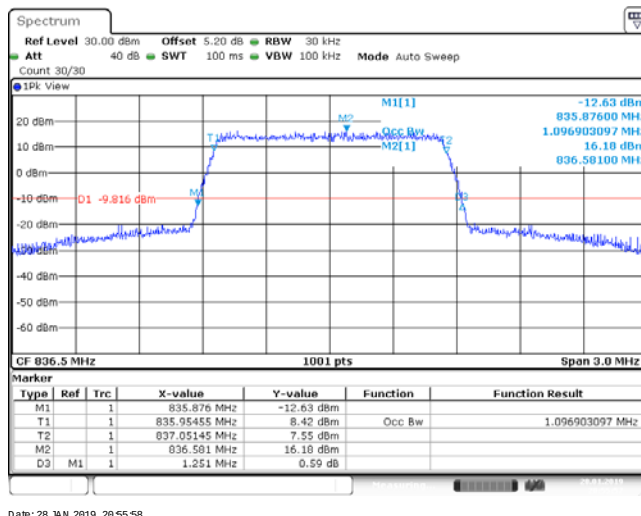


Band5_1.4MHz_64QAM_20407_6RB#0

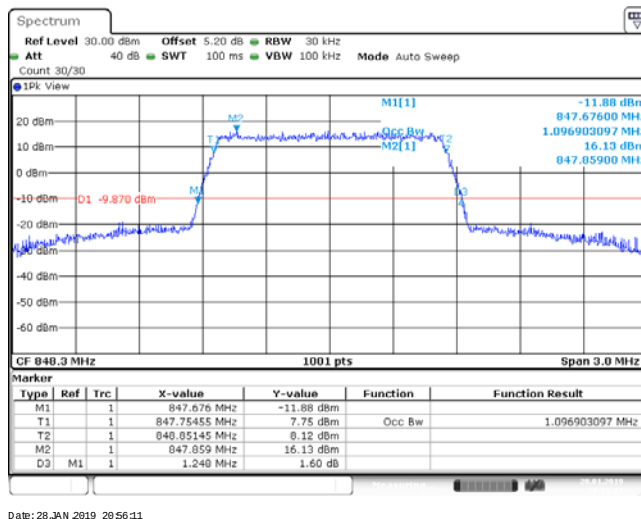


Band5_1.4MHz_64QAM_20525_6RB#0



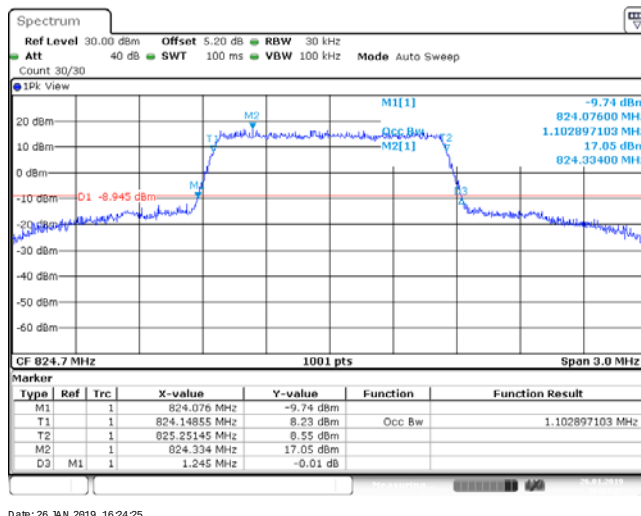


Band5_1.4MHz_64QAM_20643_6RB#0



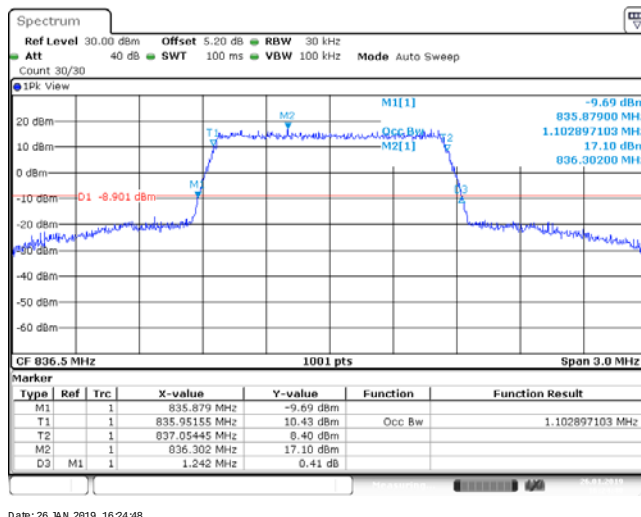
Band5_1.4MHz_16QAM_20407_6RB#0





Date: 26 JAN 2019 16:24:25

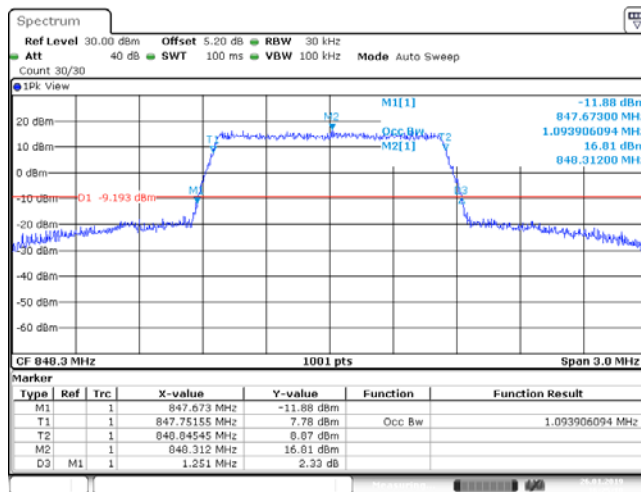
Band5_1.4MHz_16QAM_20525_6RB#0



Date: 26 JAN 2019 16:24:48

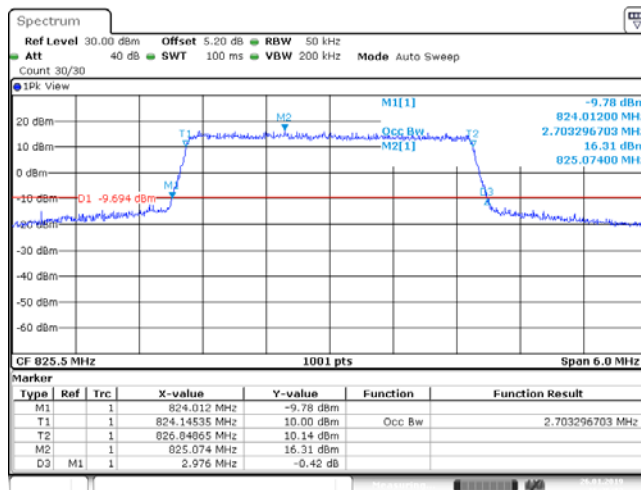
Band5_1.4MHz_16QAM_20643_6RB#0





Date: 26 JAN 2019 16:25:11

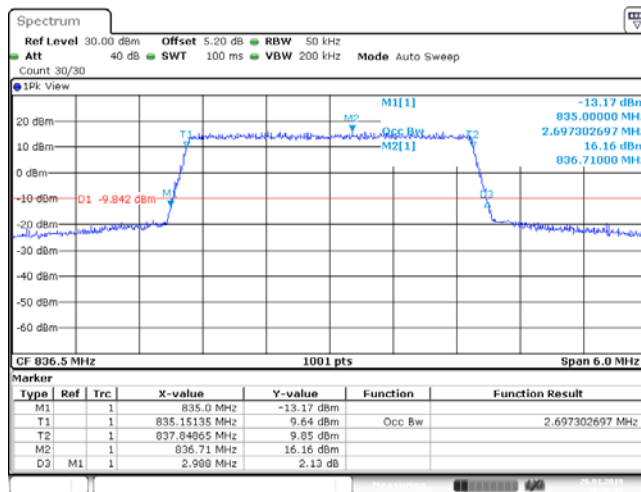
Band5_3MHz_QPSK_20415_15RB#0



Date: 26 JAN 2019 16:26:13

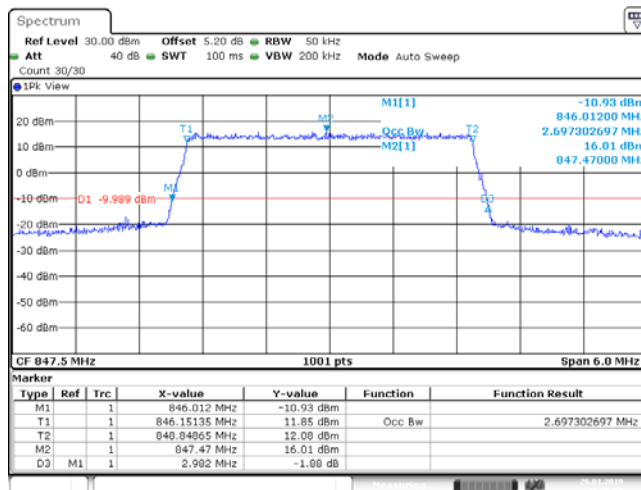
Band5_3MHz_QPSK_20525_15RB#0





Date: 26 JAN 2019 16:26:36

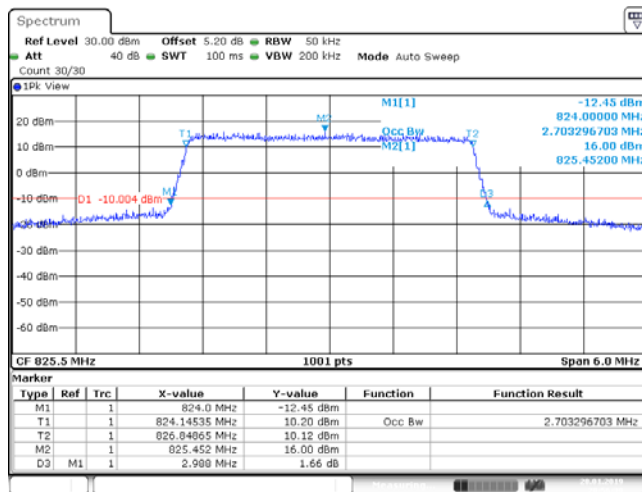
Band5_3MHz_QPSK_20635_15RB#0



Date: 26 JAN 2019 16:26:58

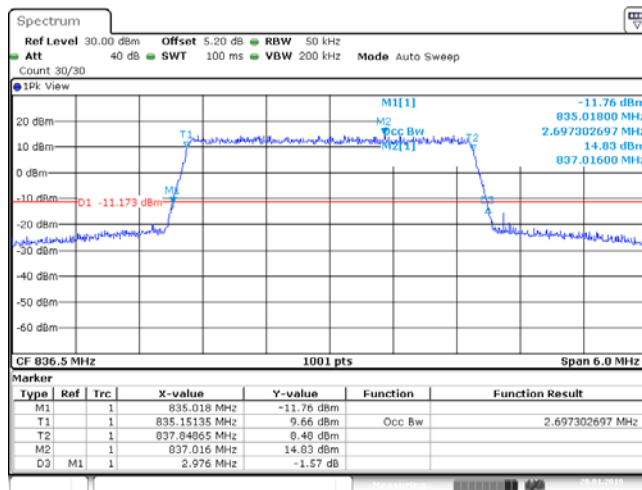
Band5_3MHz_64QAM_20415_15RB#0





Date: 28 JAN 2019 20:56:38

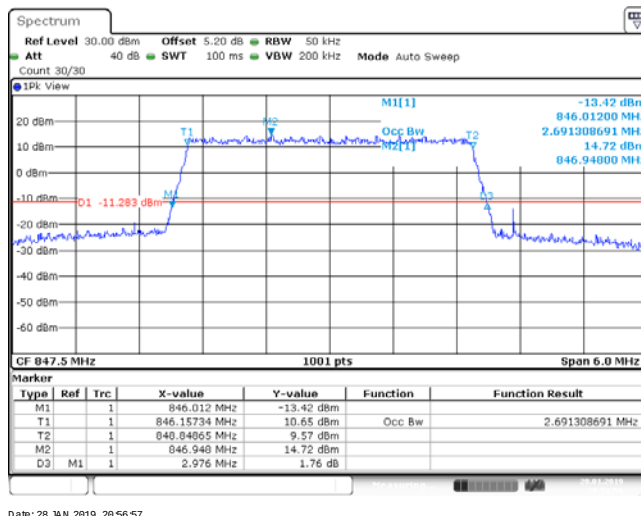
Band5_3MHz_64QAM_20525_15RB#0



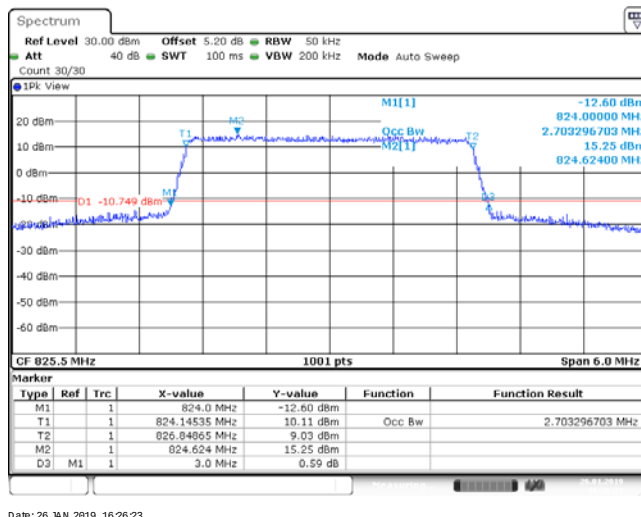
Date: 28 JAN 2019 20:56:43

Band5_3MHz_64QAM_20635_15RB#0





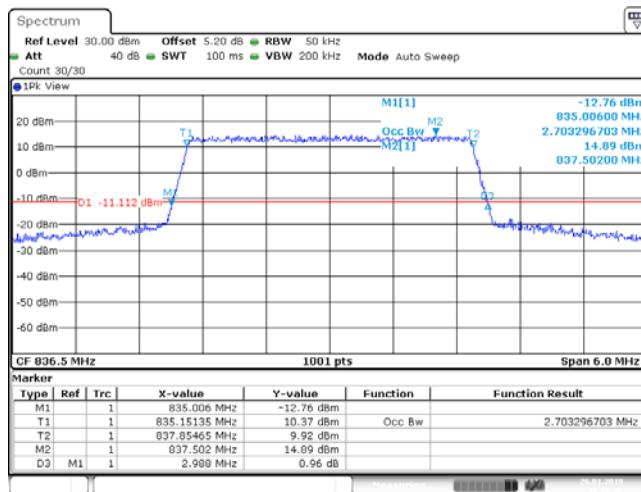
Band5_3MHz_16QAM_20415_15RB#0



Band5_3MHz_16QAM_20525_15RB#0

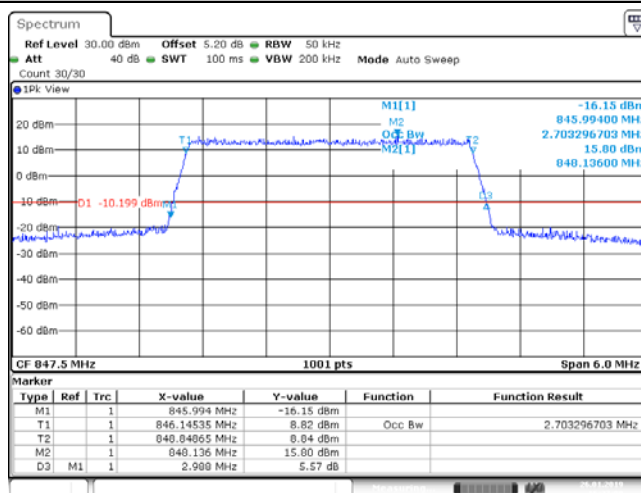


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Date: 26 JAN 2019 16:26:46

Band5_3MHz_16QAM_20635_15RB#0



Date: 26 JAN 2019 16:27:99

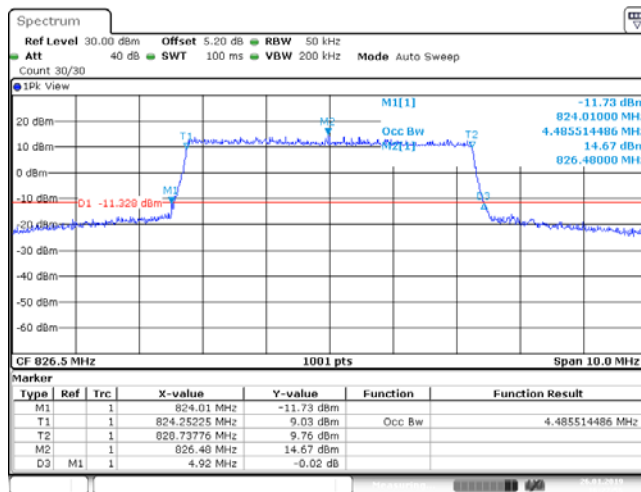
Band5_5MHz_QPSK_20425_25RB#0



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Shenzhen Branch

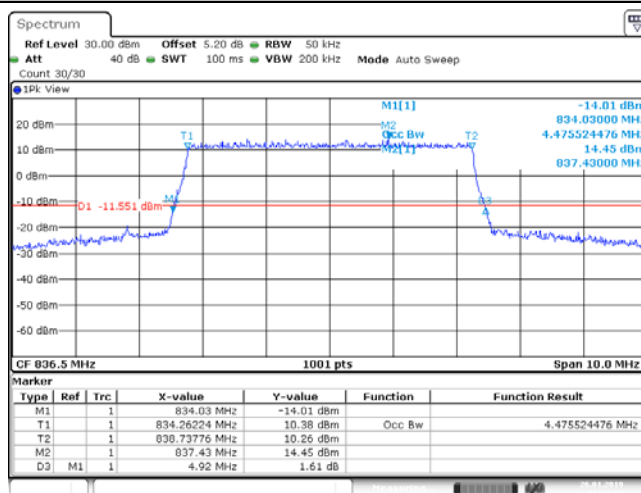
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Date: 26 JAN 2019 16:27:57

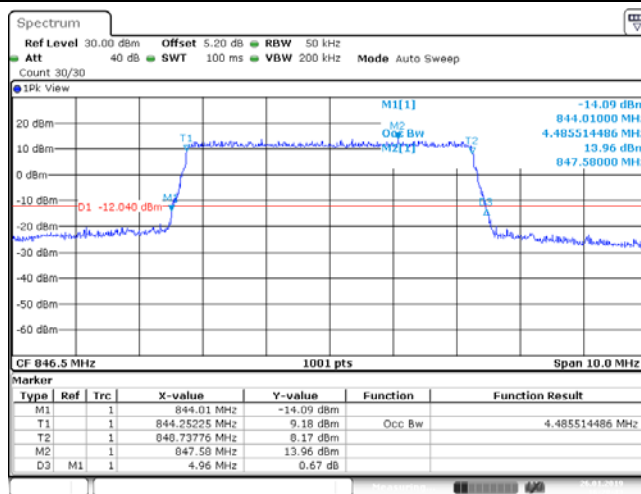
Band5_5MHz_QPSK_20525_25RB#0



Date: 26 JAN 2019 16:28:20

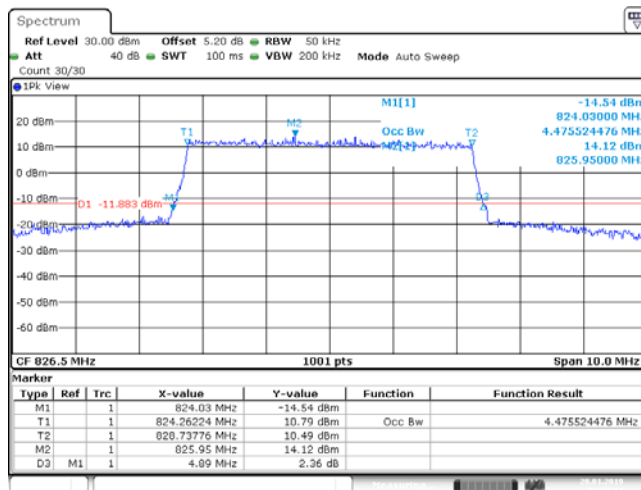
Band5_5MHz_QPSK_20625_25RB#0





Date: 26 JAN 2019 16:28:43

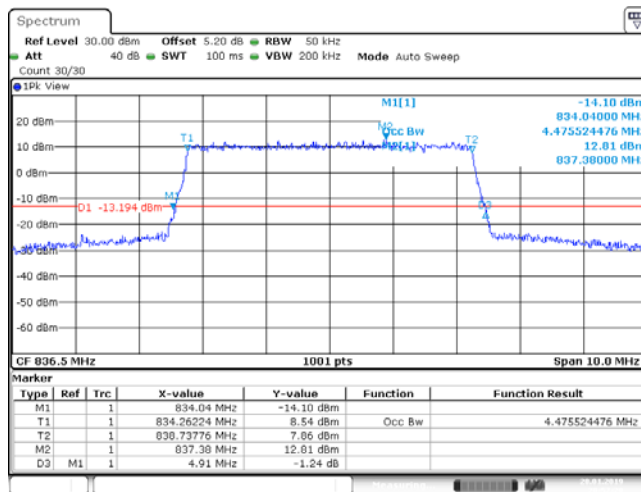
Band5_5MHz_64QAM_20425_25RB#0



Date: 28 JAN 2019 20:57:15

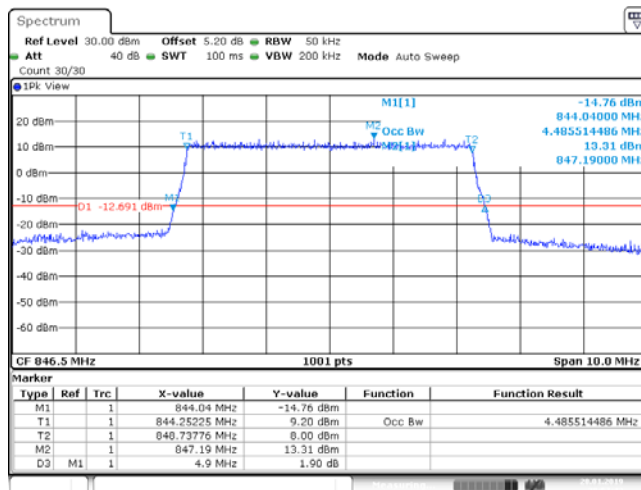
Band5_5MHz_64QAM_20525_25RB#0





Date: 28 JAN 2019 20:57:28

Band5_5MHz_64QAM_20625_25RB#0



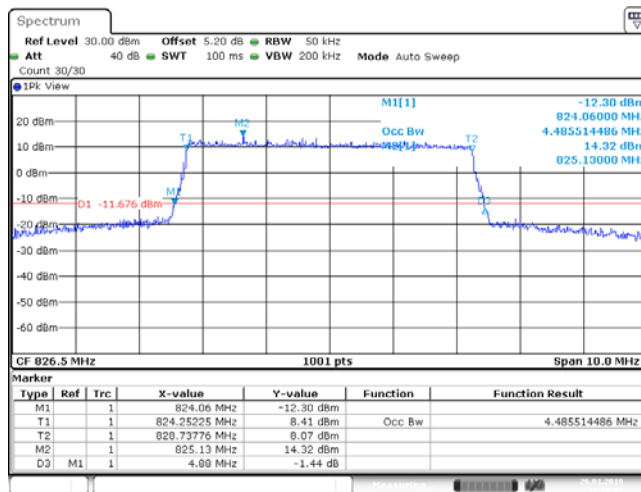
Date: 28 JAN 2019 20:57:42

Band5_5MHz_16QAM_20425_25RB#0



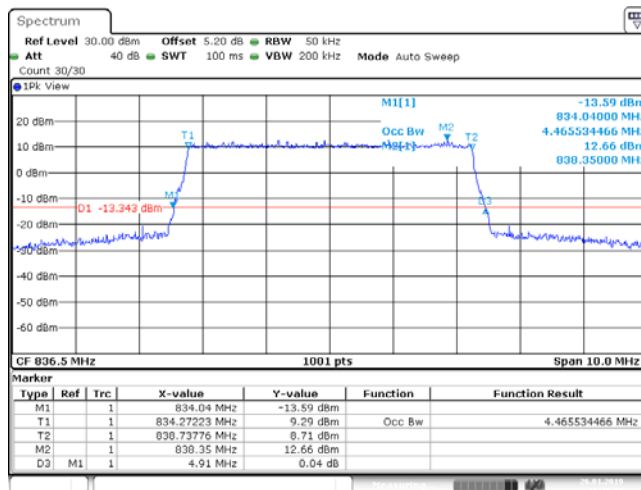
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Date: 26 JAN 2019 16:28:87

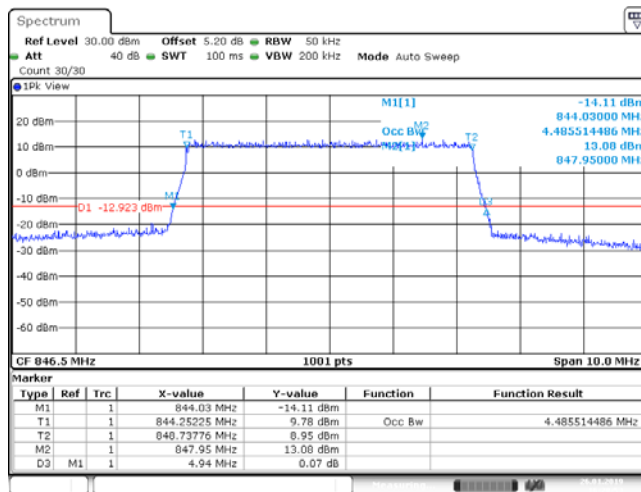
Band5_5MHz_16QAM_20525_25RB#0



Date: 26 JAN 2019 16:28:30

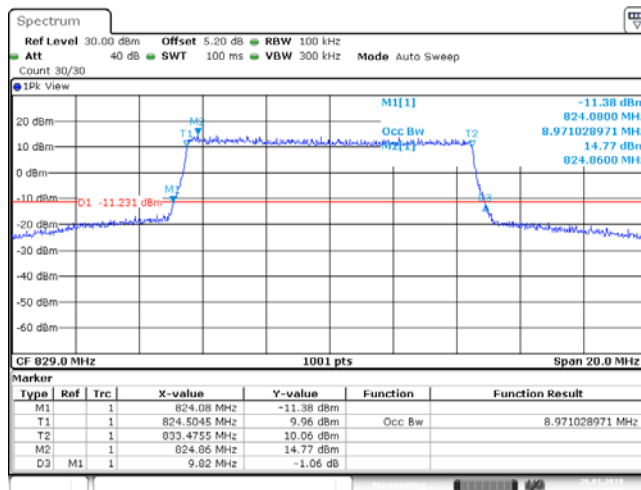
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Date: 26 JAN 2019 16:28:53

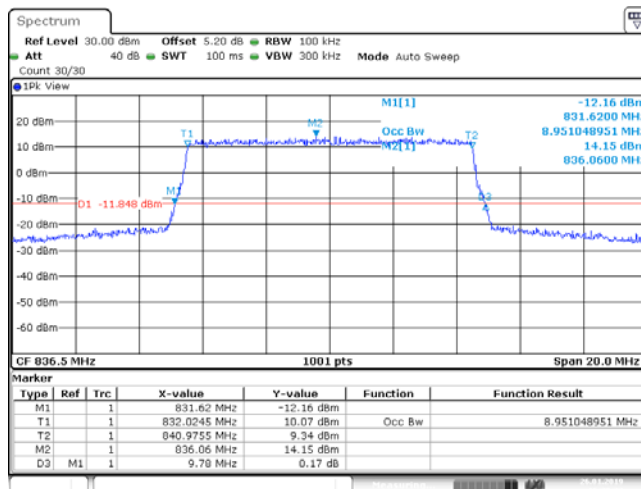
Band5_10MHz_QPSK_20450_50RB#0



Date: 26 JAN 2019 16:29:59

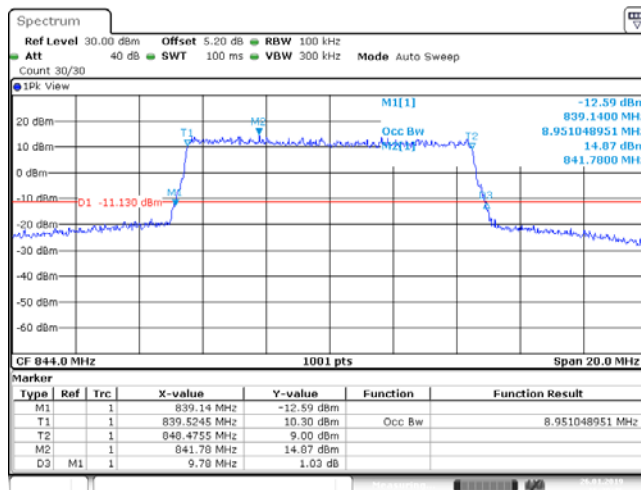
Band5_10MHz_QPSK_20525_50RB#0





Date: 26 JAN 2019 16:38:23

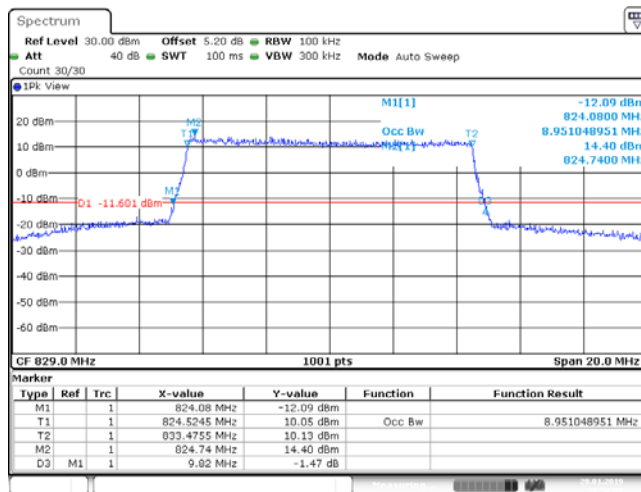
Band5_10MHz_QPSK_20600_50RB#0



Date: 26 JAN 2019 16:38:46

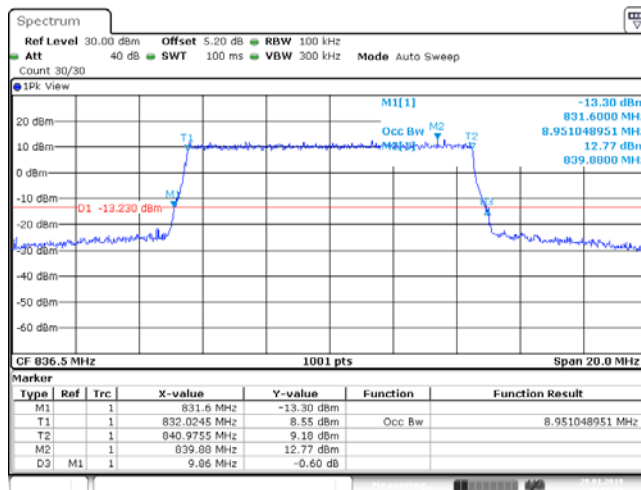
Band5_10MHz_64QAM_20450_50RB#0





Date: 28 JAN 2019 20:58:06

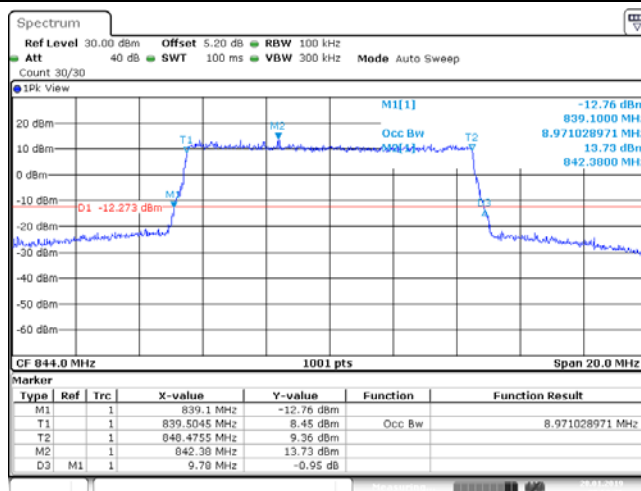
Band5_10MHz_64QAM_20525_50RB#0



Date: 28 JAN 2019 20:58:13

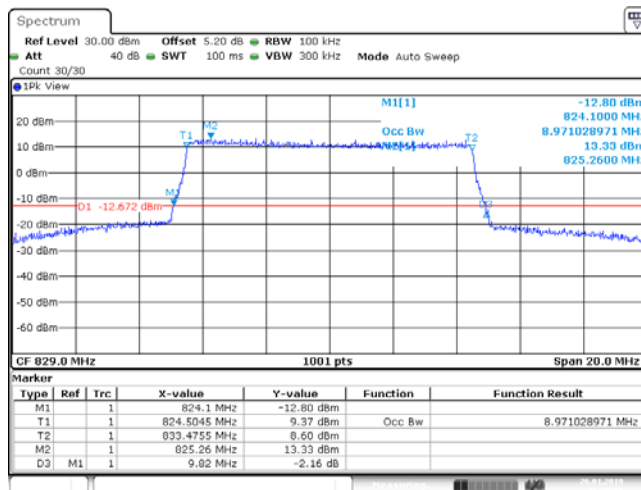
Band5_10MHz_64QAM_20600_50RB#0





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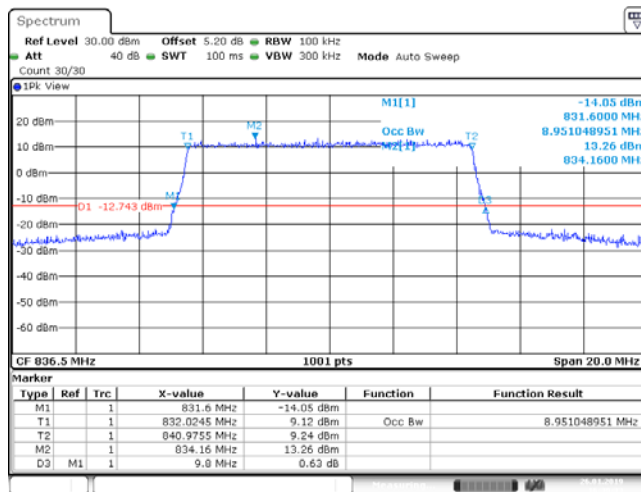
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Date: 26 JAN 2019 16:38:18

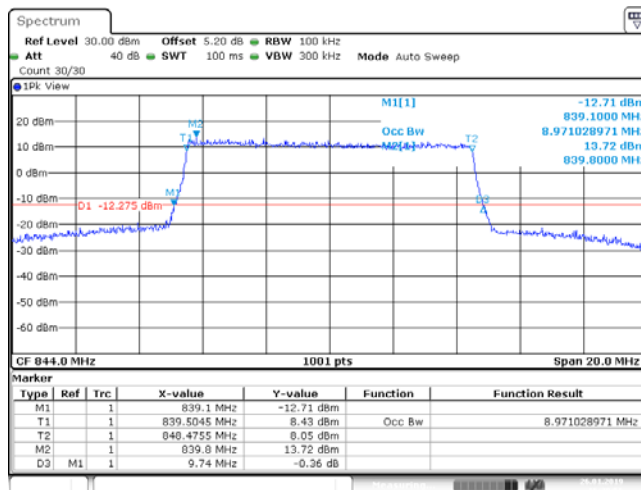
Band5_10MHz_16QAM_20525_50RB#0





Date: 26 JAN 2019 16:38:33

Band5_10MHz_16QAM_20600_50RB#0



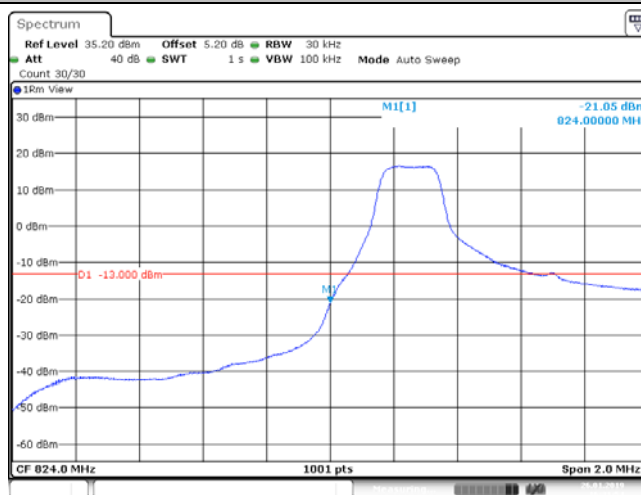
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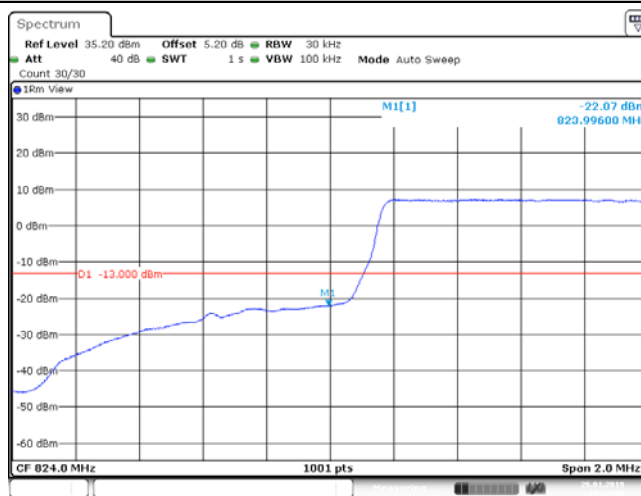
5. Band Edge Compliance

5.1. Test Plots

Band5_1.4MHz_QPSK_20407_1RB#0

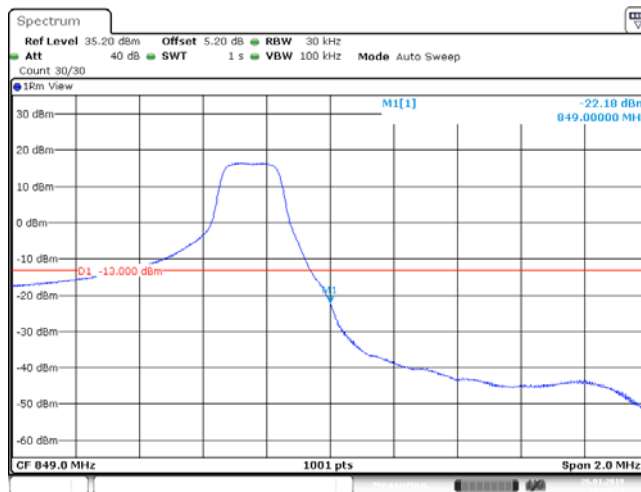


Band5_1.4MHz_QPSK_20407_6RB#0



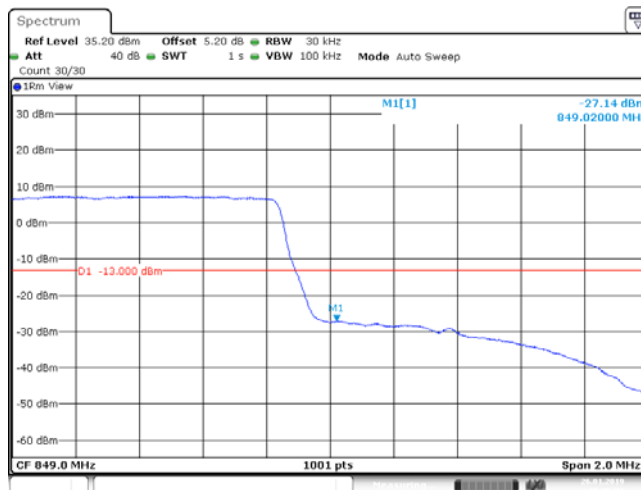
Band5_1.4MHz_QPSK_20643_1RB#5





Date: 26 JAN 2019 16:34:55

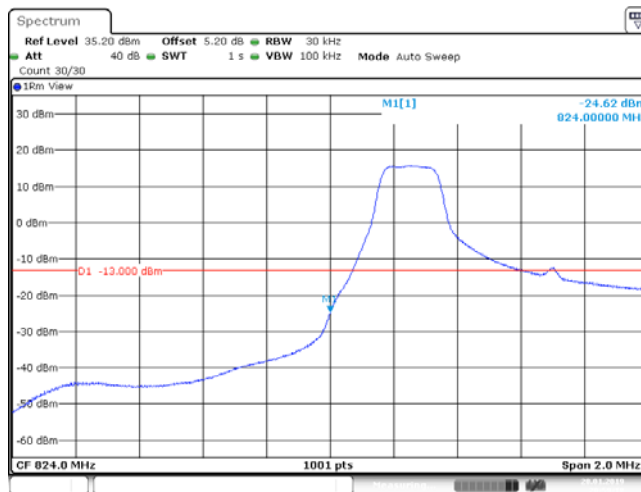
Band5_1.4MHz_QPSK_20643_6RB#0



Date: 26 JAN 2019 16:36:22

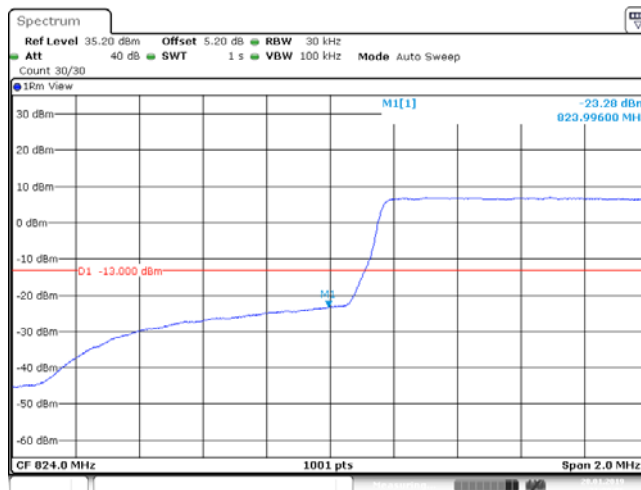
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Date: 28 JAN 2019 20:59:18

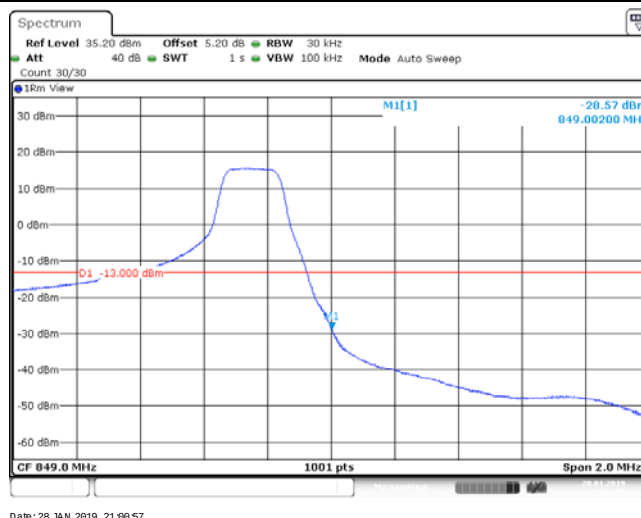
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Date: 28 JAN 2019 21:00:06

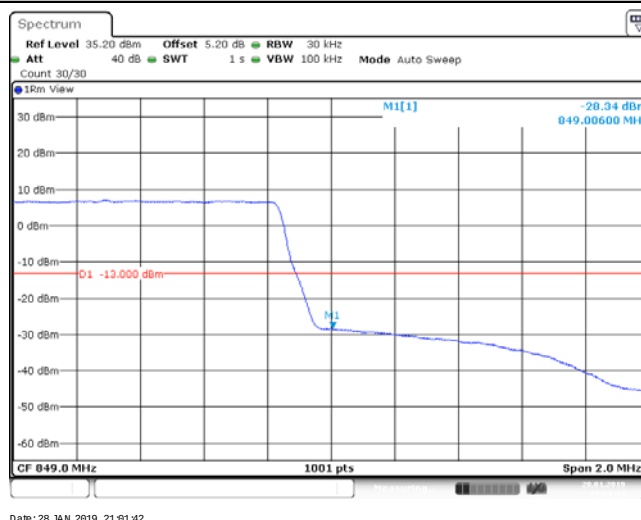
Band5_1.4MHz_64QAM_20643_1RB#5





Date: 28 JAN 2019 21:06:57

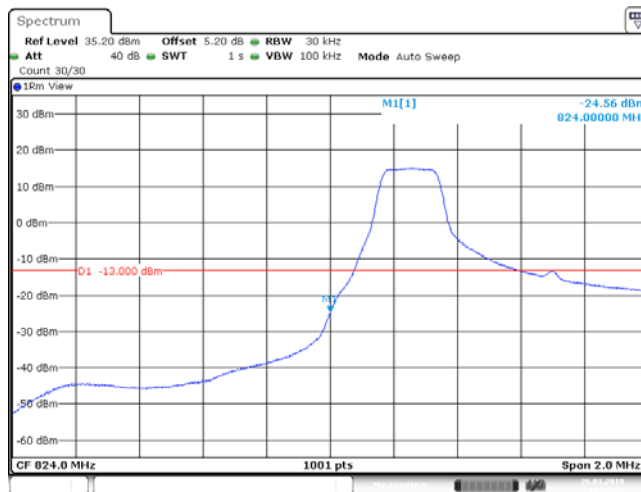
Band5_1.4MHz_64QAM_20643_6RB#0



Date: 28 JAN 2019 21:01:42

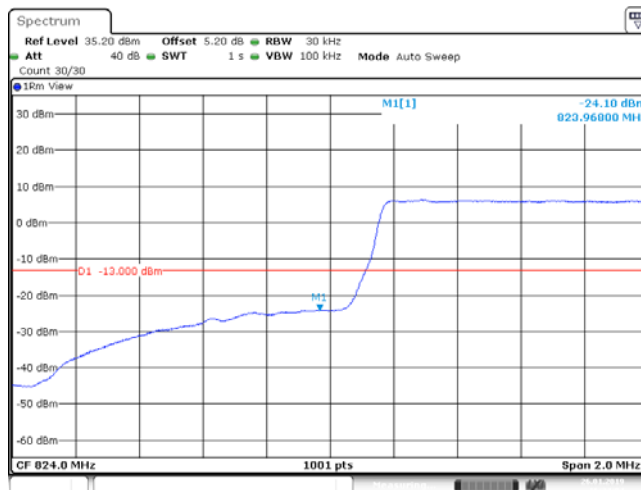
Band5_1.4MHz_16QAM_20407_1RB#0





Date: 26 JAN 2019 16:32:37

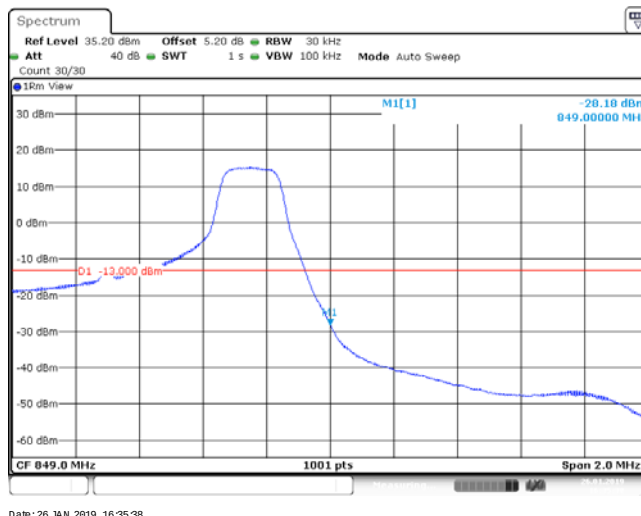
Band5_1.4MHz_16QAM_20407_6RB#0



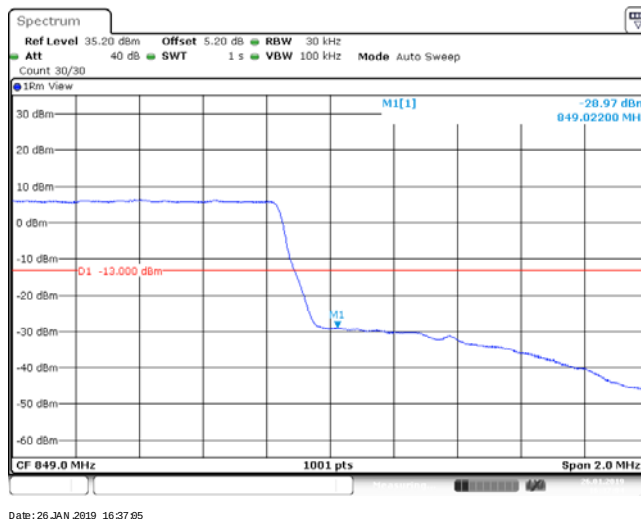
Date: 26 JAN 2019 16:34:04

Band5_1.4MHz_16QAM_20643_1RB#5



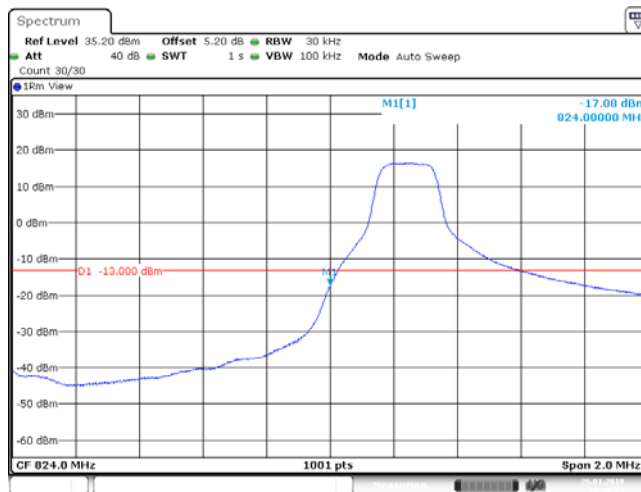


Band5_1.4MHz_16QAM_20643_6RB#0



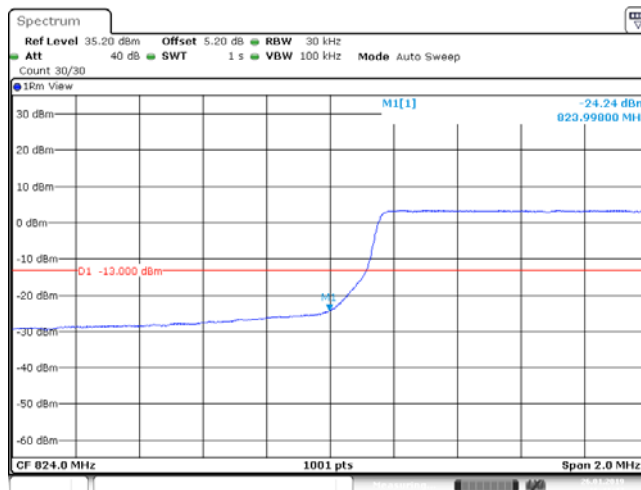
Band5_3MHz_QPSK_20415_1RB#0





Date: 26 JAN 2019 16:40:21

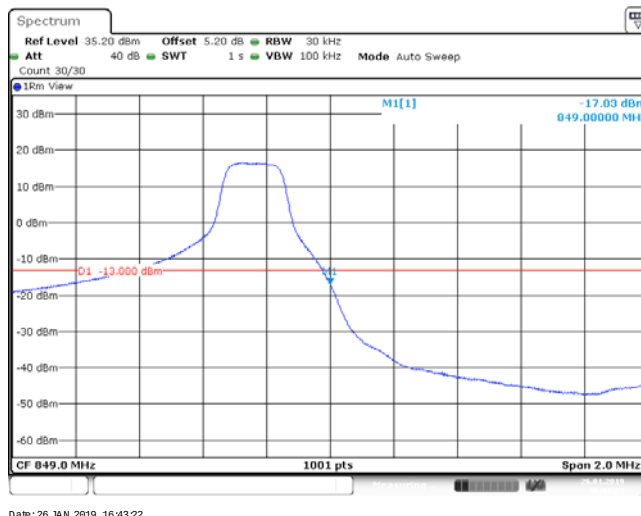
Band5_3MHz_QPSK_20415_15RB#0



Date: 26 JAN 2019 16:41:48

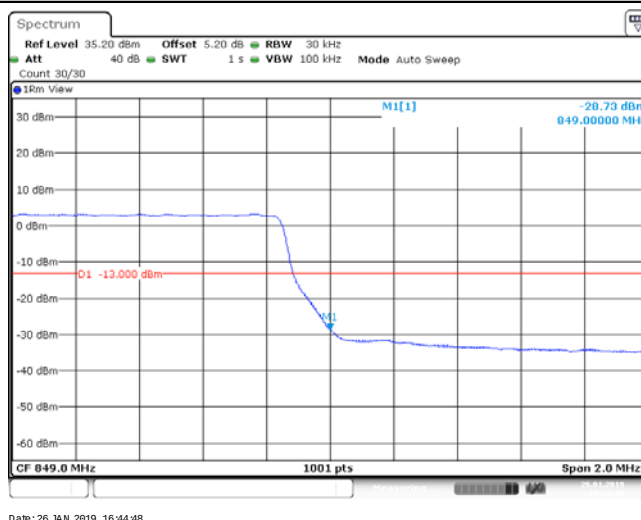
Band5_3MHz_QPSK_20635_1RB#14





Date: 26 JAN 2019 16:43:22

Band5_3MHz_QPSK_20635_15RB#0



Date: 26 JAN 2019 16:44:48

Band5 3MHz 64QAM 20415 1RB#0

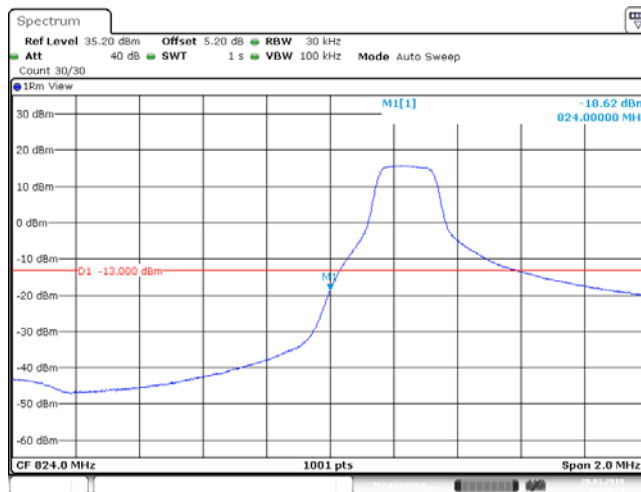


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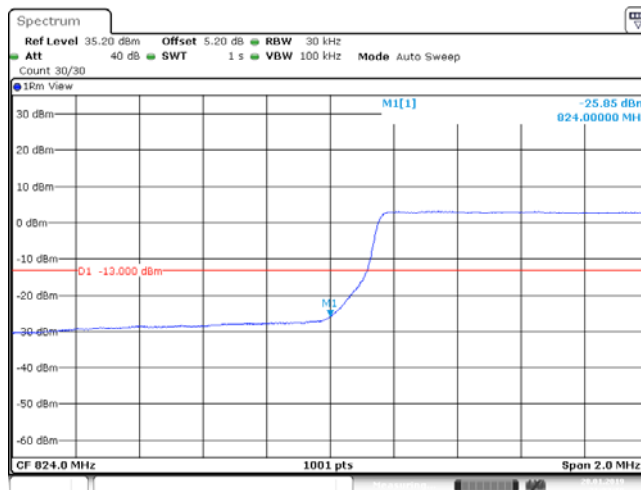
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Date: 28 JAN 2019 21:02:34

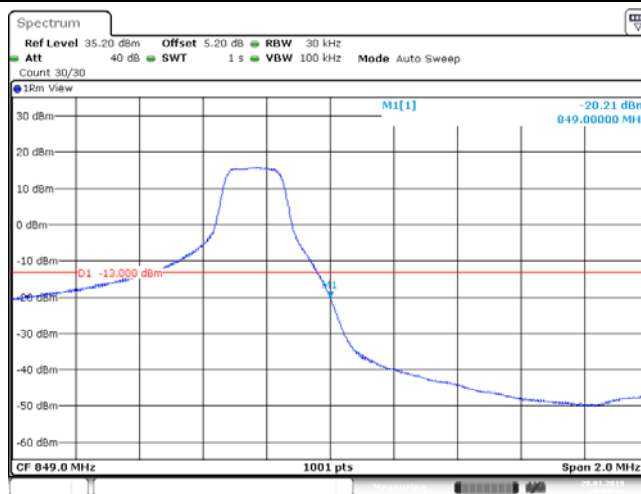
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Date: 28 JAN 2019 21:03:20

Band5_3MHz_64QAM_20635_1RB#14





Date: 28 JAN 2019 21:04:10

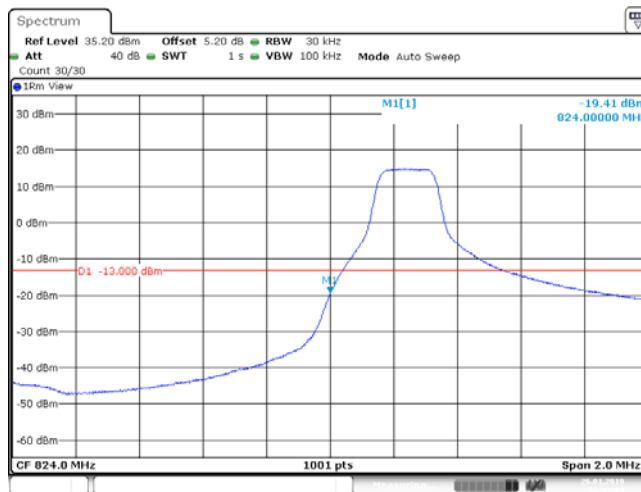
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Date: 28 JAN 2019 21:04:56

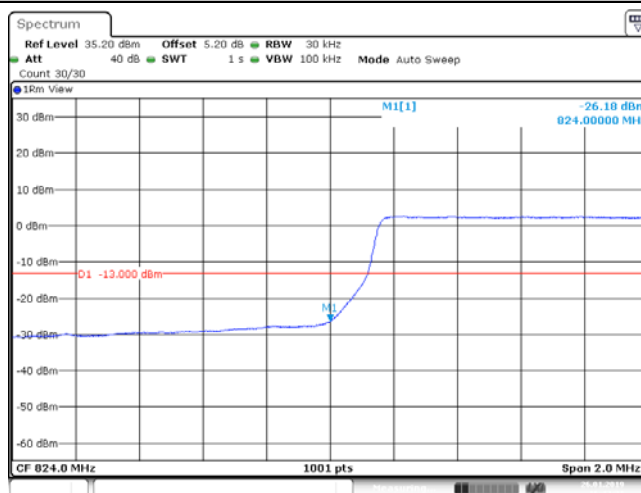
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Date: 26 JAN 2019 16:41:84

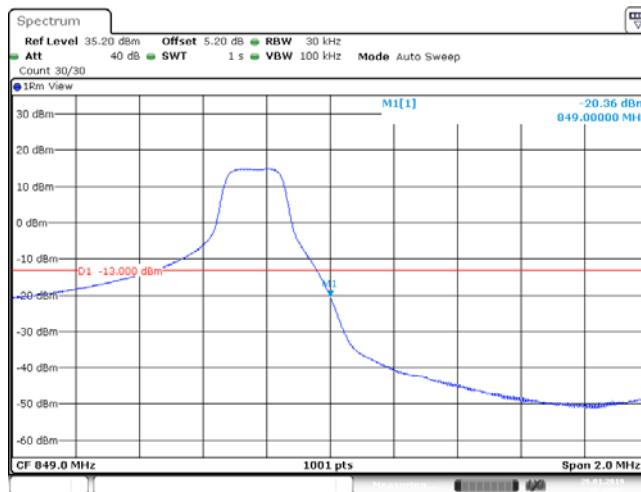
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Date: 26 JAN 2019 16:42:31

Band5_3MHz_16QAM_20635_1RB#14





Date: 26 JAN 2019 16:44:05

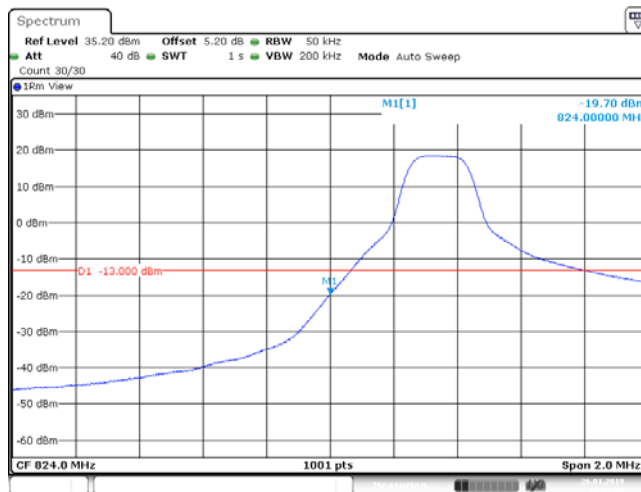
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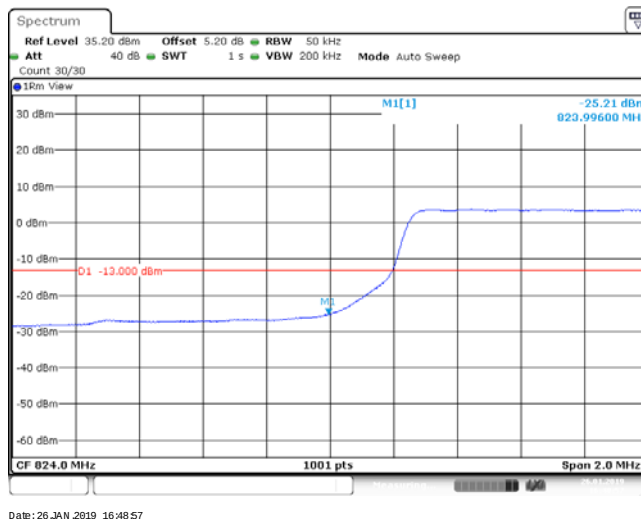
Date: 26 JAN 2019 16:45:32

Band5_5MHz_QPSK_20425_1RB#0



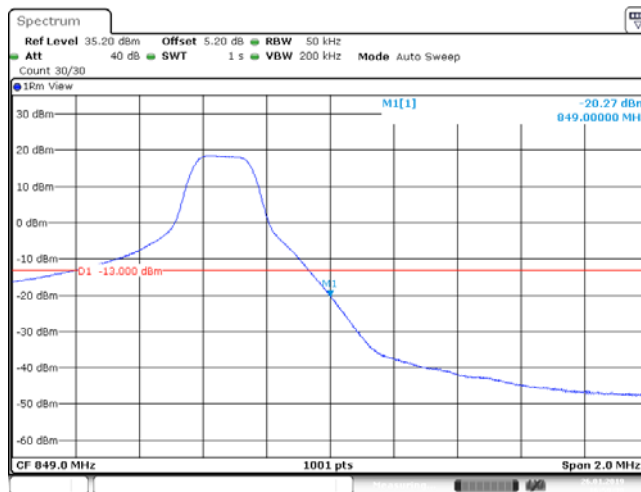


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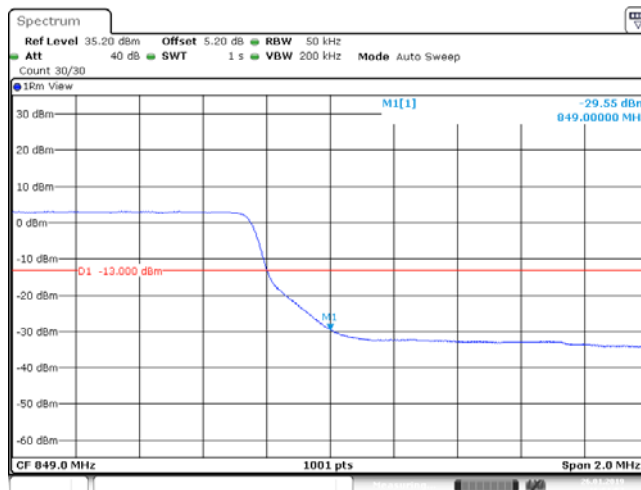
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Date: 26 JAN 2019 16:50:31

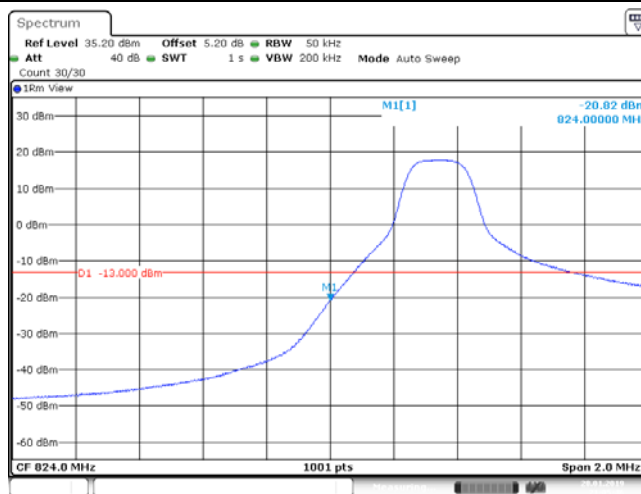
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Date: 26 JAN 2019 16:51:58

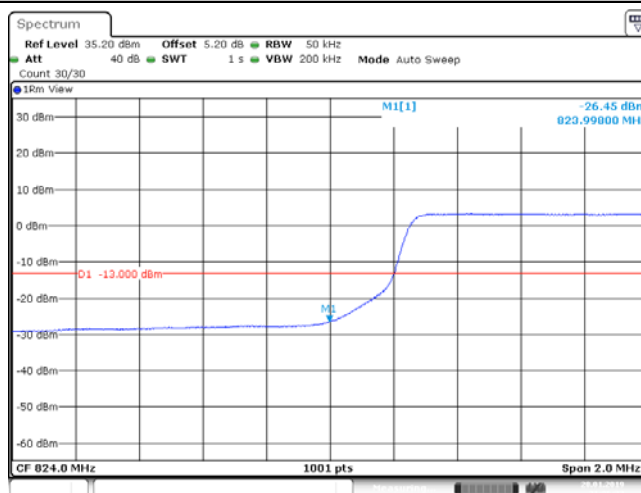
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Date: 28 JAN 2019 21:05:47

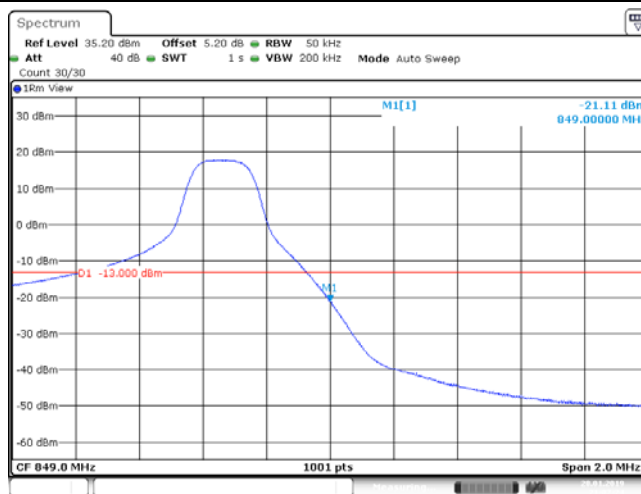
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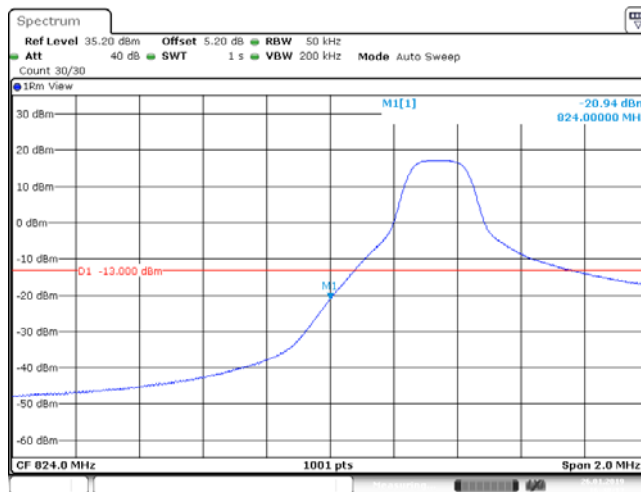


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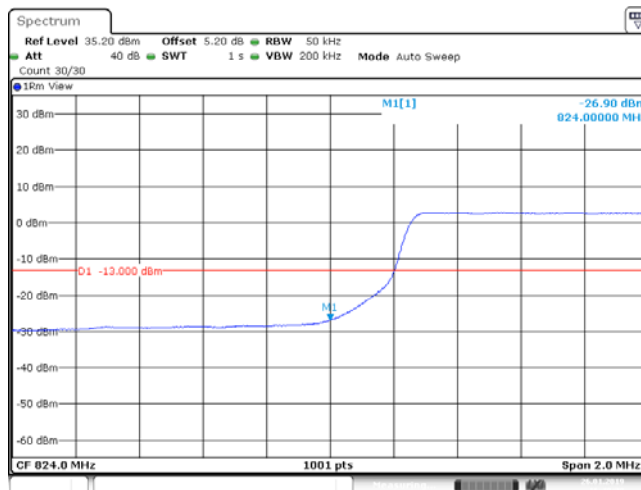
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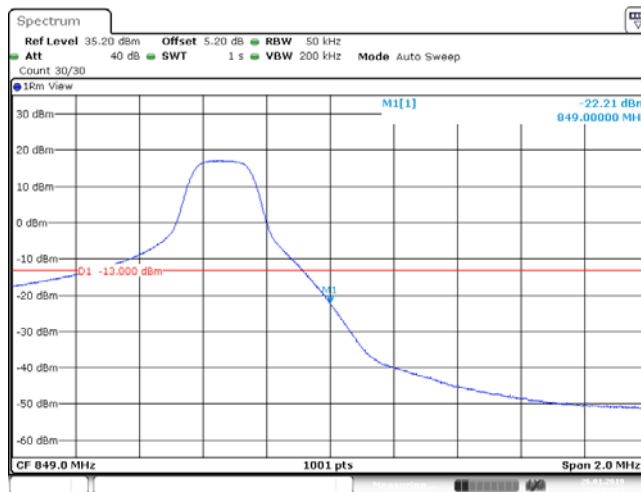
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Date: 26 JAN 2019 16:49:49

Band5_5MHz_16QAM_20625_1RB#24





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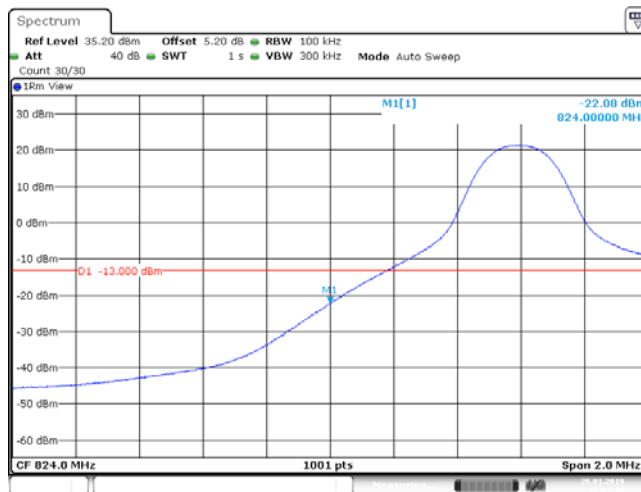
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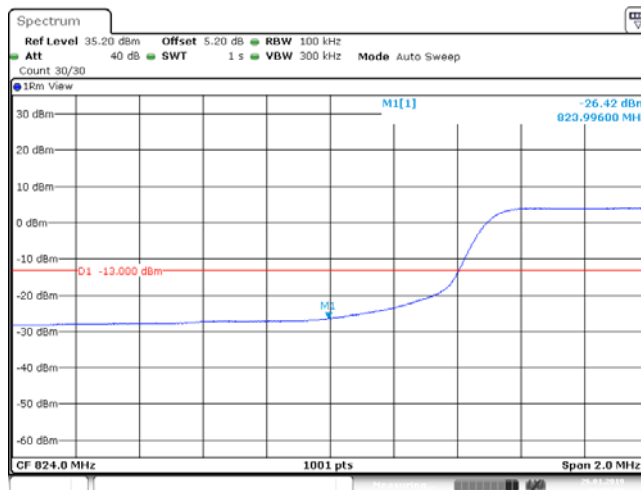
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Date: 26 JAN 2019 16:54:31

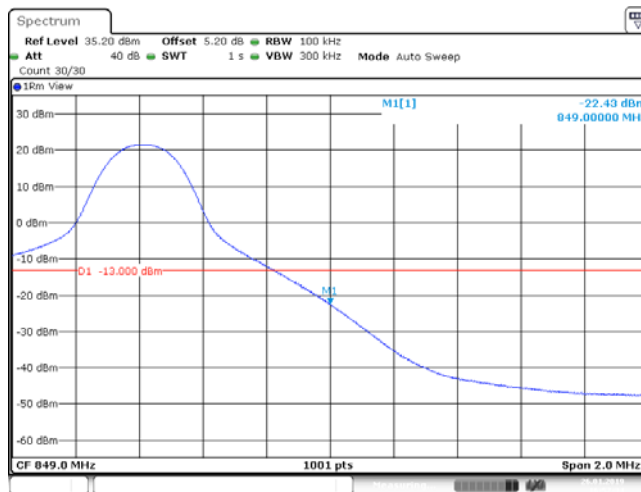
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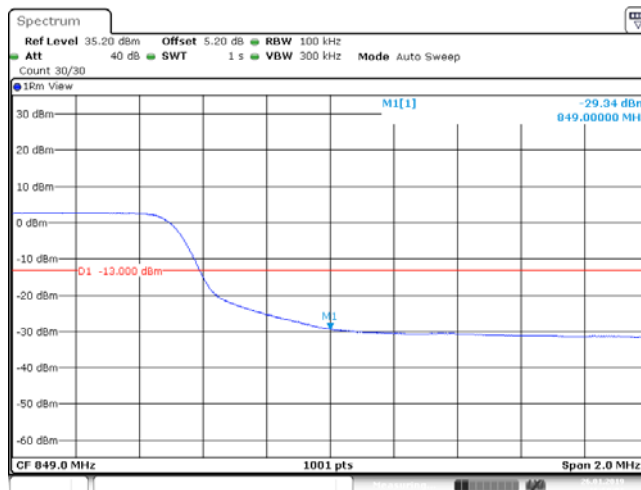
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Date: 26 JAN 2019 16:57:34

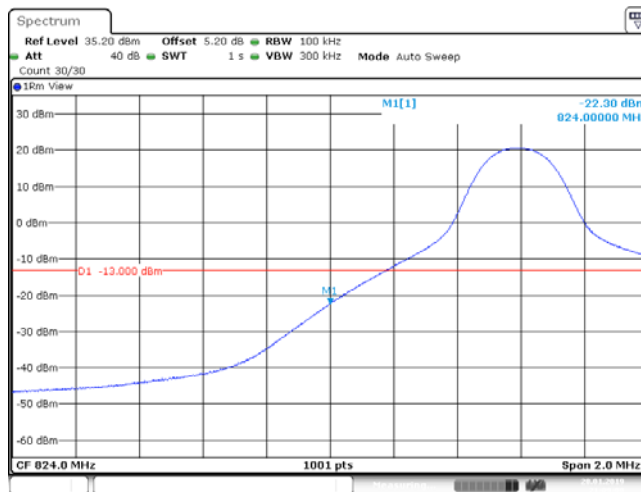
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Date: 26 JAN 2019 16:59:02

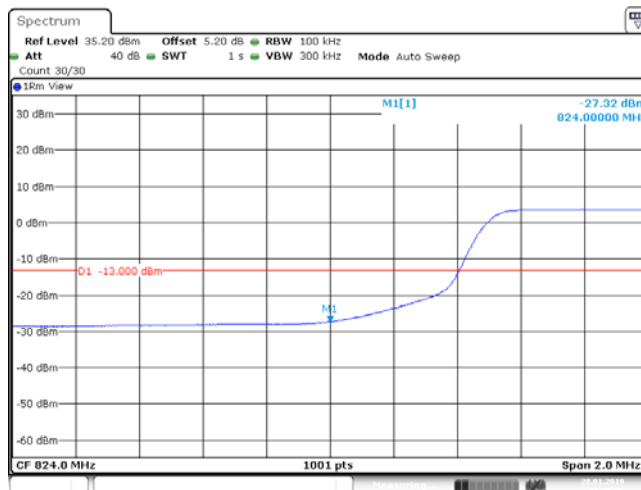
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Date: 28 JAN 2019 21:59:51

Band5_10MHz_64QAM_20450_50RB#0



Date: 28 JAN 2019 21:59:47

Band5_10MHz_64QAM_20600_1RB#49

