



Appendix B

E-UTRA Band 5



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CONTENT

1 EFFECTIVE (ISOTROPIC) RADIATED POWER 4

1.1. TEST RESULT 4

2. PEAK-TO-AVERAGE RATIO (CCDF) 26

2.1. TEST RESULT 26

2.2. TEST PLOTS 27

3. MODULATION CHARACTERISTICS 33

3.1. TEST MODE = LTE /TM1 10MHZ..... 33

3.1.1. TEST CHANNEL = MCH..... 33

3.2. TEST MODE = LTE /TM2 10MHZ..... 34

3.2.1. TEST CHANNEL = MCH..... 34

3.3. TEST MODE = LTE /TM3 10MHZ..... 35

3.3.1. TEST CHANNEL = MCH..... 35

3.4. TEST MODE = LTE /TM4 10MHZ..... 36

3.4.1. TEST CHANNEL = MCH..... 36

4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH..... 37

4.1. TEST RESULT 37

4.2. TEST PLOTS..... 38

5. BAND EDGE COMPLIANCE 63

5.1. TEST PLOTS..... 63

6. SPURIOUS EMISSION AT ANTENNA TERMINAL..... 72

6.1. TEST PLOTS..... 72

7. FIELD STRENGTH OF SPURIOUS RADIATION 76

7.1. Test Band LTE_Band5 _TM1 ANT0 76

7.1.1. Test Channel Low Channel..... 76

7.2. Test Band LTE_Band5 _TM1 ANT0 77

7.2.1. Test Channel Low Channel..... 77

7.3. Test Band LTE_Band5 _TM1 ANT0 78

7.3.1. Test Channel Mid Channel..... 78

7.4. Test Band LTE_Band5 _TM1 ANT0 79

7.4.1. Test Channel Mid Channel..... 79



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7.5.	Test Band LTE_Band5_TM1 ANT0	80
7.5.1.	Test Channel High Channel.....	80
7.6.	Test Band LTE_Band5_TM1 ANT0	81
7.6.1.	Test Channel High Channel.....	81
7.7.	Test Band LTE_Band5_TM1 ANT1.....	82
7.7.1.	Test Channel Low Channel.....	82
7.8.	Test Band LTE_Band5_TM1 ANT1.....	83
7.8.1.	Test Channel Low Channel.....	83
7.9.	Test Band LTE_Band5_TM1 ANT1.....	84
7.9.1.	Test Channel Mid Channel.....	84
7.10.	Test Band LTE_Band5_TM1 ANT1.....	85
7.10.1.	Test Channel Mid Channel	85
7.11.	Test Band LTE_Band5_TM1 ANT1.....	86
7.11.1.	Test Channel High Channel.....	86
7.12.	Test Band LTE_Band5_TM1 ANT1.....	87
7.12.1.	Test Channel High Channel.....	87
8.	FREQUENCY STABILITY	88
8.1.	FREQUENCY VS VOLTAGE	88
8.2.	FREQUENCY VS TEMPERATURE	88



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT0:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	22.90	18.53	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.60	18.23	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.60	18.23	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.50	18.13	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.54	18.17	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.47	18.10	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.57	17.20	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.69	18.32	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.89	18.52	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.78	18.41	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.82	18.45	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.97	18.60	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	22.97	18.60	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.84	17.47	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.76	18.39	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.52	18.15	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.71	18.34	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.51	18.14	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	22.13	17.76	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.88	18.51	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.36	16.99	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	21.89	17.52	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.12	17.75	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	21.78	17.41	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.43	17.06	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.56	17.19	38.45	PASS



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Band5	1.4MHz	16QAM	20407	3RB#3	21.65	17.28	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.66	16.29	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.24	17.87	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.55	18.18	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	21.75	17.38	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	21.91	17.54	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.91	17.54	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.98	17.61	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.84	16.47	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.88	17.51	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.82	17.45	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.97	17.60	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.68	17.31	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.40	17.03	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.12	16.75	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.49	16.12	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	20.14	15.77	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	20.17	15.80	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	20.13	15.76	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	20.18	15.81	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	20.24	15.87	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	20.14	15.77	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	19.23	14.86	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	20.43	16.06	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	20.42	16.05	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	20.45	16.08	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	20.44	16.07	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	20.40	16.03	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	20.49	16.12	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	19.60	15.23	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	20.48	16.11	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	20.51	16.14	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	20.43	16.06	38.45	PASS



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Band5	1.4MHz	64QAM	20643	3RB#3	20.42	16.05	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	20.54	16.17	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	20.48	16.11	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	19.63	15.26	38.45	PASS
Band5	1.4MHz	256QAM	20407	1RB#0	17.4	13.03	38.45	PASS
Band5	1.4MHz	256QAM	20407	1RB#2	17.43	13.06	38.45	PASS
Band5	1.4MHz	256QAM	20407	1RB#5	17.19	12.82	38.45	PASS
Band5	1.4MHz	256QAM	20407	3RB#0	17.28	12.91	38.45	PASS
Band5	1.4MHz	256QAM	20407	3RB#1	17.48	13.11	38.45	PASS
Band5	1.4MHz	256QAM	20407	3RB#3	17.28	12.91	38.45	PASS
Band5	1.4MHz	256QAM	20407	6RB#0	17.33	12.96	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#0	17.55	13.18	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#2	17.59	13.22	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#5	17.62	13.25	38.45	PASS
Band5	1.4MHz	256QAM	20525	3RB#0	17.62	13.25	38.45	PASS
Band5	1.4MHz	256QAM	20525	3RB#1	17.57	13.20	38.45	PASS
Band5	1.4MHz	256QAM	20525	3RB#3	17.66	13.29	38.45	PASS
Band5	1.4MHz	256QAM	20525	6RB#0	17.63	13.26	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#0	17.63	13.26	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#2	17.74	13.37	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#5	17.63	13.26	38.45	PASS
Band5	1.4MHz	256QAM	20643	3RB#0	17.53	13.16	38.45	PASS
Band5	1.4MHz	256QAM	20643	3RB#1	17.77	13.40	38.45	PASS
Band5	1.4MHz	256QAM	20643	3RB#3	17.66	13.29	38.45	PASS
Band5	1.4MHz	256QAM	20643	6RB#0	17.47	13.10	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.95	18.58	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.90	18.53	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.92	18.55	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.91	17.54	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.94	17.57	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.02	17.65	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.93	17.56	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.92	18.55	38.45	PASS



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Band5	3MHz	QPSK	20525	1RB#8	22.88	18.51	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.87	18.50	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.91	17.54	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.08	17.71	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.07	17.70	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.91	17.54	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.89	18.52	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.87	18.50	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.07	17.70	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.01	17.64	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.01	17.64	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.80	17.43	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.93	17.56	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.92	17.55	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.74	17.37	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.62	18.25	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	20.94	16.57	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.02	16.65	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.13	16.76	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.03	16.66	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.96	17.59	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.28	17.91	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.05	17.68	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.05	16.68	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.07	16.70	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.11	16.74	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.00	16.63	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.28	17.91	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.43	18.06	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.21	16.84	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.10	16.73	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.94	16.57	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.94	16.57	38.45	PASS



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Band5	3MHz	16QAM	20635	15RB#0	21.01	16.64	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	20.33	15.96	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	20.35	15.98	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	20.26	15.89	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	19.35	14.98	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	19.45	15.08	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	19.29	14.92	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	19.36	14.99	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	20.72	16.35	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	20.69	16.32	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	20.56	16.19	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	19.60	15.23	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	19.76	15.39	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	19.70	15.33	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	19.66	15.29	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	20.76	16.39	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	20.75	16.38	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	20.52	16.15	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	19.61	15.24	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	19.89	15.52	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	19.80	15.43	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	19.58	15.21	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#0	17.35	12.98	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#8	17.42	13.05	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#14	17.20	12.83	38.45	PASS
Band5	3MHz	256QAM	20415	8RB#0	17.25	12.88	38.45	PASS
Band5	3MHz	256QAM	20415	8RB#4	17.47	13.10	38.45	PASS
Band5	3MHz	256QAM	20415	8RB#7	17.25	12.88	38.45	PASS
Band5	3MHz	256QAM	20415	15RB#0	17.28	12.91	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#0	17.58	13.21	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#8	17.63	13.26	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#14	17.58	13.21	38.45	PASS
Band5	3MHz	256QAM	20525	8RB#0	17.58	13.21	38.45	PASS



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Band5	3MHz	256QAM	20525	8RB#4	17.54	13.17	38.45	PASS
Band5	3MHz	256QAM	20525	8RB#7	17.60	13.23	38.45	PASS
Band5	3MHz	256QAM	20525	15RB#0	17.64	13.27	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#0	17.63	13.26	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#8	17.77	13.40	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#14	17.66	13.29	38.45	PASS
Band5	3MHz	256QAM	20635	8RB#0	17.53	13.16	38.45	PASS
Band5	3MHz	256QAM	20635	8RB#4	17.75	13.38	38.45	PASS
Band5	3MHz	256QAM	20635	8RB#7	17.63	13.26	38.45	PASS
Band5	3MHz	256QAM	20635	15RB#0	17.46	13.09	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.06	18.69	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.99	18.62	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.86	18.49	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.00	17.63	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.05	17.68	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.05	17.68	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.10	17.73	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.87	18.50	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.83	18.46	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.87	18.50	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.92	17.55	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.02	17.65	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.08	17.71	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.96	17.59	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.32	17.95	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.92	18.55	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.05	17.68	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.63	17.26	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.94	17.57	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.93	17.56	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.80	17.43	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.84	17.47	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.45	18.08	38.45	PASS



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Band5	5MHz	16QAM	20425	1RB#24	22.54	18.17	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.01	16.64	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.06	16.69	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.01	16.64	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.17	16.80	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.31	17.94	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.33	17.96	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.64	18.27	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.04	16.67	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.05	16.68	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.09	16.72	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.01	16.64	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.44	17.07	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.48	18.11	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.18	16.81	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	20.67	16.30	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.98	16.61	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.02	16.65	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.82	16.45	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	20.42	16.05	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	20.33	15.96	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	20.29	15.92	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	19.40	15.03	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	19.50	15.13	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	19.30	14.93	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	19.37	15.00	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	20.70	16.33	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	20.70	16.33	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	20.56	16.19	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	19.56	15.19	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	19.74	15.37	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	19.68	15.31	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	19.70	15.33	38.45	PASS



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Band5	5MHz	64QAM	20625	1RB#24	20.76	16.39	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	20.77	16.40	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	20.50	16.13	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	19.59	15.22	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	19.90	15.53	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	19.80	15.43	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	19.60	15.23	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#0	17.35	12.98	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#12	17.45	13.08	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#24	17.23	12.86	38.45	PASS
Band5	5MHz	256QAM	20425	12RB#0	17.31	12.94	38.45	PASS
Band5	5MHz	256QAM	20425	12RB#6	17.45	13.08	38.45	PASS
Band5	5MHz	256QAM	20425	12RB#13	17.25	12.88	38.45	PASS
Band5	5MHz	256QAM	20425	25RB#0	17.27	12.90	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#0	17.58	13.21	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#12	17.60	13.23	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#24	17.63	13.26	38.45	PASS
Band5	5MHz	256QAM	20525	12RB#0	17.61	13.24	38.45	PASS
Band5	5MHz	256QAM	20525	12RB#6	17.59	13.22	38.45	PASS
Band5	5MHz	256QAM	20525	12RB#13	17.65	13.28	38.45	PASS
Band5	5MHz	256QAM	20525	25RB#0	17.66	13.29	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#0	17.64	13.27	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#12	17.75	13.38	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#24	17.63	13.26	38.45	PASS
Band5	5MHz	256QAM	20625	12RB#0	17.55	13.18	38.45	PASS
Band5	5MHz	256QAM	20625	12RB#6	17.77	13.40	38.45	PASS
Band5	5MHz	256QAM	20625	12RB#13	17.67	13.30	38.45	PASS
Band5	5MHz	256QAM	20625	25RB#0	17.46	13.09	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.91	18.54	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.23	18.86	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.12	18.75	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.93	17.56	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.12	17.75	38.45	PASS



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Band5	10MHz	QPSK	20450	25RB#25	22.02	17.65	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.19	17.82	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.20	18.83	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.82	18.45	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.73	18.36	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.99	17.62	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.16	17.79	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.12	17.75	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.09	17.72	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.67	18.30	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.90	19.53	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.12	17.75	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	21.96	17.59	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.23	16.86	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.67	17.30	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.41	17.04	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	21.90	17.53	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.99	17.62	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.65	18.28	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.97	16.60	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.08	16.71	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.99	16.62	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.14	16.77	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.16	17.79	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.51	18.14	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.08	17.71	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.03	16.66	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.10	16.73	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.13	16.76	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.98	16.61	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.19	17.82	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.71	18.34	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.76	17.39	38.45	PASS



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Band5	10MHz	16QAM	20600	25RB#0	20.77	16.40	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.27	15.90	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.67	16.30	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.43	16.06	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	20.38	16.01	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	20.36	15.99	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	20.31	15.94	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	19.40	15.03	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	19.48	15.11	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	19.30	14.93	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	19.30	14.93	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	20.71	16.34	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	20.75	16.38	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	20.60	16.23	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	19.55	15.18	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	19.71	15.34	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	19.74	15.37	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	19.68	15.31	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	20.83	16.46	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	20.83	16.46	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	20.49	16.12	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	19.61	15.24	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	19.90	15.53	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	19.70	15.33	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	19.57	15.20	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#0	17.35	12.98	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#24	17.4	13.03	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#49	17.22	12.85	38.45	PASS
Band5	10MHz	256QAM	20450	25RB#0	17.3	12.93	38.45	PASS
Band5	10MHz	256QAM	20450	25RB#12	17.42	13.05	38.45	PASS
Band5	10MHz	256QAM	20450	25RB#25	17.27	12.90	38.45	PASS
Band5	10MHz	256QAM	20450	50RB#0	17.3	12.93	38.45	PASS
Band5	10MHz	256QAM	20525	1RB#0	17.55	13.18	38.45	PASS



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Band5	10MHz	256QAM	20525	1RB#24	17.66	13.29	38.45	PASS
Band5	10MHz	256QAM	20525	1RB#49	17.6	13.23	38.45	PASS
Band5	10MHz	256QAM	20525	25RB#0	17.63	13.26	38.45	PASS
Band5	10MHz	256QAM	20525	25RB#12	17.54	13.17	38.45	PASS
Band5	10MHz	256QAM	20525	25RB#25	17.59	13.22	38.45	PASS
Band5	10MHz	256QAM	20525	50RB#0	17.69	13.32	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#0	17.66	13.29	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#24	17.78	13.41	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#49	17.63	13.26	38.45	PASS
Band5	10MHz	256QAM	20600	25RB#0	17.51	13.14	38.45	PASS
Band5	10MHz	256QAM	20600	25RB#12	17.78	13.41	38.45	PASS
Band5	10MHz	256QAM	20600	25RB#25	17.61	13.24	38.45	PASS
Band5	10MHz	256QAM	20600	50RB#0	17.47	13.10	38.45	PASS



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ANT1:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.50	18.70	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.55	18.75	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.53	18.73	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.57	18.77	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.60	18.80	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.50	18.70	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.62	17.82	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.40	18.60	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.53	18.73	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.38	18.58	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.38	18.58	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.57	18.77	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.48	18.68	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.45	17.65	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.24	18.44	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.85	18.05	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.27	17.47	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.82	18.02	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	22.58	17.78	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.39	17.59	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.72	16.92	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.78	17.98	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.88	18.08	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.67	17.87	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.71	17.91	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.63	17.83	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.56	17.76	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.61	16.81	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.73	17.93	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.55	17.75	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.59	17.79	38.45	PASS



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Band5	1.4MHz	16QAM	20525	3RB#0	22.38	17.58	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.59	17.79	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.39	17.59	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.57	16.77	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.49	17.69	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.94	17.14	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.81	17.01	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.89	17.09	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.77	16.97	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.61	16.81	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.85	16.05	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	21.74	16.94	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	21.88	17.08	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	21.78	16.98	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	21.91	17.11	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	21.94	17.14	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	21.83	17.03	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	20.70	15.90	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	21.83	17.03	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	21.78	16.98	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	21.74	16.94	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	21.81	17.01	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	21.84	17.04	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	21.89	17.09	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.71	15.91	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.88	17.08	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	21.70	16.90	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.75	16.95	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	21.81	17.01	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	21.92	17.12	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	21.88	17.08	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.73	15.93	38.45	PASS
Band5	1.4MHz	256QAM	20407	1RB#0	18.82	14.02	38.45	PASS



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Band5	1.4MHz	256QAM	20407	1RB#2	18.94	14.14	38.45	PASS
Band5	1.4MHz	256QAM	20407	1RB#5	18.83	14.03	38.45	PASS
Band5	1.4MHz	256QAM	20407	3RB#0	18.77	13.97	38.45	PASS
Band5	1.4MHz	256QAM	20407	3RB#1	18.67	13.87	38.45	PASS
Band5	1.4MHz	256QAM	20407	3RB#3	18.91	14.11	38.45	PASS
Band5	1.4MHz	256QAM	20407	6RB#0	18.77	13.97	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#0	18.87	14.07	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#2	18.94	14.14	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#5	18.79	13.99	38.45	PASS
Band5	1.4MHz	256QAM	20525	3RB#0	18.86	14.06	38.45	PASS
Band5	1.4MHz	256QAM	20525	3RB#1	18.94	14.14	38.45	PASS
Band5	1.4MHz	256QAM	20525	3RB#3	18.99	14.19	38.45	PASS
Band5	1.4MHz	256QAM	20525	6RB#0	18.93	14.13	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#0	18.76	13.96	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#2	18.96	14.16	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#5	18.71	13.91	38.45	PASS
Band5	1.4MHz	256QAM	20643	3RB#0	18.90	14.10	38.45	PASS
Band5	1.4MHz	256QAM	20643	3RB#1	18.78	13.98	38.45	PASS
Band5	1.4MHz	256QAM	20643	3RB#3	18.94	14.14	38.45	PASS
Band5	1.4MHz	256QAM	20643	6RB#0	18.74	13.94	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.46	18.66	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.44	18.64	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.61	18.81	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.61	17.81	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.66	17.86	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.56	17.76	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.65	17.85	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.81	19.01	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.32	18.52	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.31	18.51	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.47	17.67	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.69	17.89	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.50	17.70	38.45	PASS



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Band5	3MHz	QPSK	20525	15RB#0	22.48	17.68	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.24	18.44	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.35	17.55	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.45	17.65	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.35	17.55	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.70	16.90	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.69	16.89	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.62	16.82	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.96	18.16	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.90	18.10	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.68	17.88	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.70	16.90	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.65	16.85	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.72	16.92	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.56	16.76	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.73	17.93	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.76	17.96	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.83	18.03	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.47	16.67	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.58	16.78	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.71	16.91	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.60	16.80	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.78	17.98	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	21.93	17.13	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.17	16.37	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.47	16.67	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.60	15.80	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.82	16.02	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.77	15.97	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	21.94	17.14	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	21.89	17.09	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	21.88	17.08	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	20.76	15.96	38.45	PASS



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Band5	3MHz	64QAM	20415	8RB#4	20.80	16.00	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	20.94	16.14	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	20.90	16.10	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	21.88	17.08	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	21.68	16.88	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	21.87	17.07	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	20.84	16.04	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	20.81	16.01	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	20.77	15.97	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	20.82	16.02	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	21.89	17.09	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	21.86	17.06	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	21.76	16.96	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	20.72	15.92	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	20.87	16.07	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	20.65	15.85	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.95	16.15	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#0	18.83	14.03	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#8	18.92	14.12	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#14	18.82	14.02	38.45	PASS
Band5	3MHz	256QAM	20415	8RB#0	18.84	14.04	38.45	PASS
Band5	3MHz	256QAM	20415	8RB#4	18.75	13.95	38.45	PASS
Band5	3MHz	256QAM	20415	8RB#7	18.93	14.13	38.45	PASS
Band5	3MHz	256QAM	20415	15RB#0	18.88	14.08	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#0	18.84	14.04	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#8	18.88	14.08	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#14	18.81	14.01	38.45	PASS
Band5	3MHz	256QAM	20525	8RB#0	18.84	14.04	38.45	PASS
Band5	3MHz	256QAM	20525	8RB#4	18.87	14.07	38.45	PASS
Band5	3MHz	256QAM	20525	8RB#7	19.00	14.20	38.45	PASS
Band5	3MHz	256QAM	20525	15RB#0	18.80	14.00	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#0	18.72	13.92	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#8	18.84	14.04	38.45	PASS



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Band5	3MHz	256QAM	20635	1RB#14	18.68	13.88	38.45	PASS
Band5	3MHz	256QAM	20635	8RB#0	18.88	14.08	38.45	PASS
Band5	3MHz	256QAM	20635	8RB#4	18.76	13.96	38.45	PASS
Band5	3MHz	256QAM	20635	8RB#7	18.94	14.14	38.45	PASS
Band5	3MHz	256QAM	20635	15RB#0	18.77	13.97	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.52	18.72	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.48	18.68	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.55	18.75	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.52	17.72	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.77	17.97	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.75	17.95	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.59	17.79	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.76	18.96	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.42	18.62	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.35	18.55	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.50	17.70	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.53	17.73	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.56	17.76	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.48	17.68	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.07	18.27	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.32	17.52	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.11	17.31	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.49	17.69	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.61	16.81	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.60	16.80	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.63	16.83	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.95	18.15	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.91	18.11	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.78	17.98	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.74	16.94	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.59	16.79	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.67	16.87	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.64	16.84	38.45	PASS



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Band5	5MHz	16QAM	20525	1RB#0	22.80	18.00	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.64	17.84	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.82	18.02	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.53	16.73	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.67	16.87	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.71	16.91	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.52	16.72	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.90	18.10	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.87	17.07	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.22	16.42	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.49	16.69	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.55	15.75	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.77	15.97	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.77	15.97	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	21.97	17.17	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	21.82	17.02	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	22.00	17.20	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	20.95	16.15	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	20.95	16.15	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	20.72	15.92	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	20.67	15.87	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	21.75	16.95	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	21.68	16.88	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	21.86	17.06	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	20.98	16.18	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	20.92	16.12	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	20.95	16.15	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.89	16.09	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	21.83	17.03	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	21.67	16.87	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	22.00	17.20	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	20.93	16.13	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	20.94	16.14	38.45	PASS



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Band5	5MHz	64QAM	20625	12RB#0	20.68	15.88	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.82	16.02	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#0	18.75	13.95	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#12	18.88	14.08	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#24	18.83	14.03	38.45	PASS
Band5	5MHz	256QAM	20425	12RB#0	18.76	13.96	38.45	PASS
Band5	5MHz	256QAM	20425	12RB#6	18.81	14.01	38.45	PASS
Band5	5MHz	256QAM	20425	12RB#13	18.88	14.08	38.45	PASS
Band5	5MHz	256QAM	20425	25RB#0	18.85	14.05	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#0	18.93	14.13	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#12	18.97	14.17	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#24	18.85	14.05	38.45	PASS
Band5	5MHz	256QAM	20525	12RB#0	18.79	13.99	38.45	PASS
Band5	5MHz	256QAM	20525	12RB#6	18.91	14.11	38.45	PASS
Band5	5MHz	256QAM	20525	12RB#13	18.90	14.10	38.45	PASS
Band5	5MHz	256QAM	20525	25RB#0	18.87	14.07	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#0	18.73	13.93	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#12	18.85	14.05	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#24	18.78	13.98	38.45	PASS
Band5	5MHz	256QAM	20625	12RB#0	18.87	14.07	38.45	PASS
Band5	5MHz	256QAM	20625	12RB#6	18.72	13.92	38.45	PASS
Band5	5MHz	256QAM	20625	12RB#13	18.99	14.19	38.45	PASS
Band5	5MHz	256QAM	20625	25RB#0	18.67	13.87	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.47	18.67	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.49	18.69	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.60	18.80	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.53	17.73	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.67	17.87	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.65	17.85	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.68	17.88	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.78	18.98	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.38	18.58	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.25	18.45	38.45	PASS



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Band5	10MHz	QPSK	20525	25RB#0	22.52	17.72	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.61	17.81	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.57	17.77	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.45	17.65	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.16	18.36	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.34	17.54	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.08	17.28	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.44	17.64	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.65	16.85	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.70	16.90	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.72	16.92	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.91	18.11	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.92	18.12	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.73	17.93	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.66	16.86	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.57	16.77	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.64	16.84	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.61	16.81	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.74	17.94	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.73	17.93	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.79	17.99	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.56	16.76	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.64	16.84	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.69	16.89	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.50	16.70	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.00	18.20	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.97	17.17	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.23	16.43	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.41	16.61	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.65	15.85	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.81	16.01	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.81	16.01	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.95	17.15	38.45	PASS



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Band5	10MHz	64QAM	20450	1RB#24	21.89	17.09	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	21.95	17.15	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	20.81	16.01	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	20.91	16.11	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	20.85	16.05	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	20.82	16.02	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	21.88	17.08	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.79	16.99	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	21.88	17.08	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	20.90	16.10	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	20.87	16.07	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	20.84	16.04	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.87	16.07	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	21.98	17.18	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	21.74	16.94	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	21.87	17.07	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	20.82	16.02	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	20.99	16.19	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	20.74	15.94	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.91	16.11	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#0	18.76	13.96	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#24	18.94	14.14	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#49	18.81	14.01	38.45	PASS
Band5	10MHz	256QAM	20450	25RB#0	18.8	14.00	38.45	PASS
Band5	10MHz	256QAM	20450	25RB#12	18.73	13.93	38.45	PASS
Band5	10MHz	256QAM	20450	25RB#25	18.96	14.16	38.45	PASS
Band5	10MHz	256QAM	20450	50RB#0	18.84	14.04	38.45	PASS
Band5	10MHz	256QAM	20525	1RB#0	18.91	14.11	38.45	PASS
Band5	10MHz	256QAM	20525	1RB#24	18.89	14.09	38.45	PASS
Band5	10MHz	256QAM	20525	1RB#49	18.85	14.05	38.45	PASS
Band5	10MHz	256QAM	20525	25RB#0	18.85	14.05	38.45	PASS
Band5	10MHz	256QAM	20525	25RB#12	18.94	14.14	38.45	PASS
Band5	10MHz	256QAM	20525	25RB#25	18.95	14.15	38.45	PASS



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Band5	10MHz	256QAM	20525	50RB#0	18.88	14.08	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#0	18.80	14.00	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#24	18.99	14.19	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#49	18.72	13.92	38.45	PASS
Band5	10MHz	256QAM	20600	25RB#0	18.86	14.06	38.45	PASS
Band5	10MHz	256QAM	20600	25RB#12	18.78	13.98	38.45	PASS
Band5	10MHz	256QAM	20600	25RB#25	18.84	14.04	38.45	PASS
Band5	10MHz	256QAM	20600	50RB#0	18.71	13.91	38.45	PASS

Remark:

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

$$ERP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBd]}$$

$$EIRP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$

The conducted Power is measured by Base Station Simulator



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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	5.10	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	4.90	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.19	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	6.46	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.35	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	6.58	13	PASS
Band5	10MHz	256QAM	20450	50RB#0	6.64	13	PASS
Band5	10MHz	256QAM	20525	50RB#0	6.58	13	PASS
Band5	10MHz	256QAM	20600	50RB#0	6.61	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.91	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.65	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.94	13	PASS

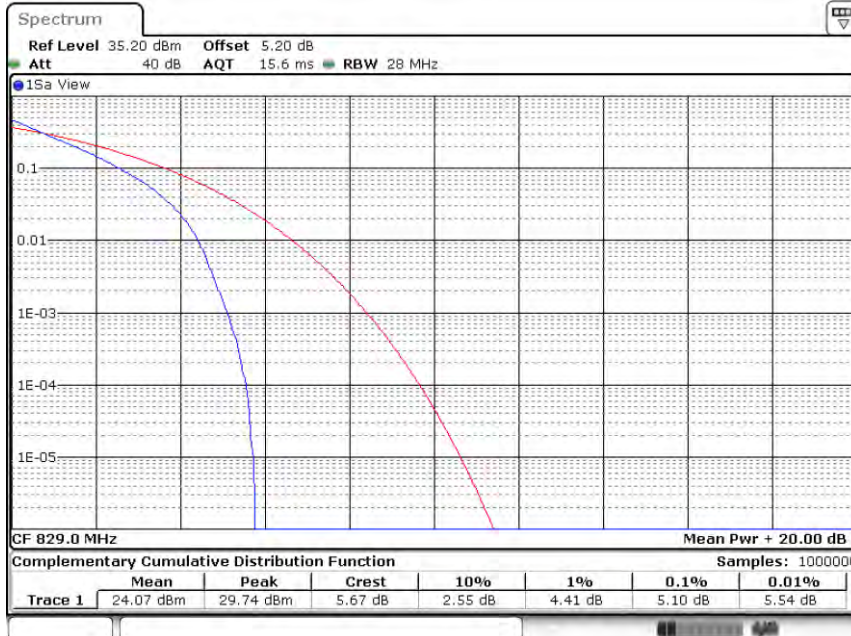


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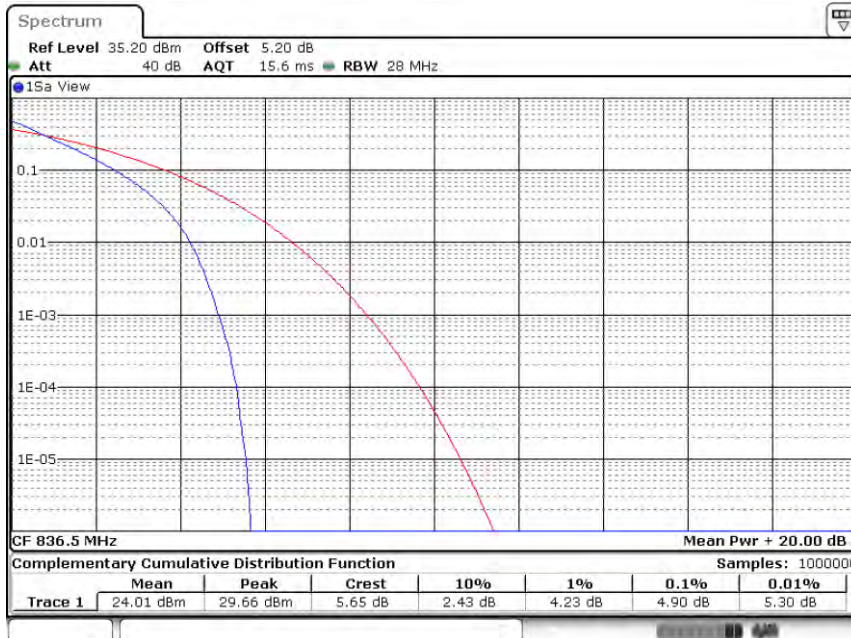
2.2. Test Plots

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



Date: 20 APR 2021 06:57:01

Band5-10MHz-QPSK-20525-50RB#0



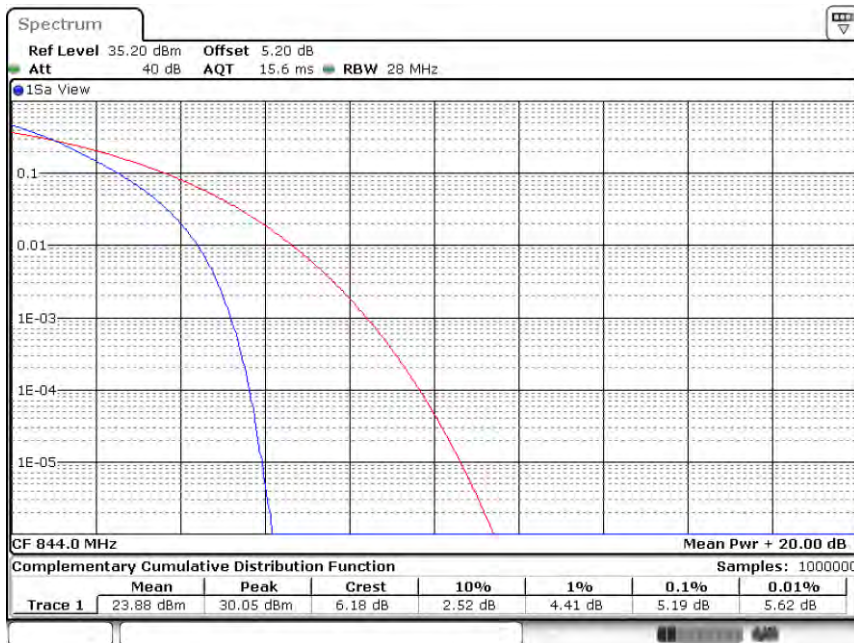
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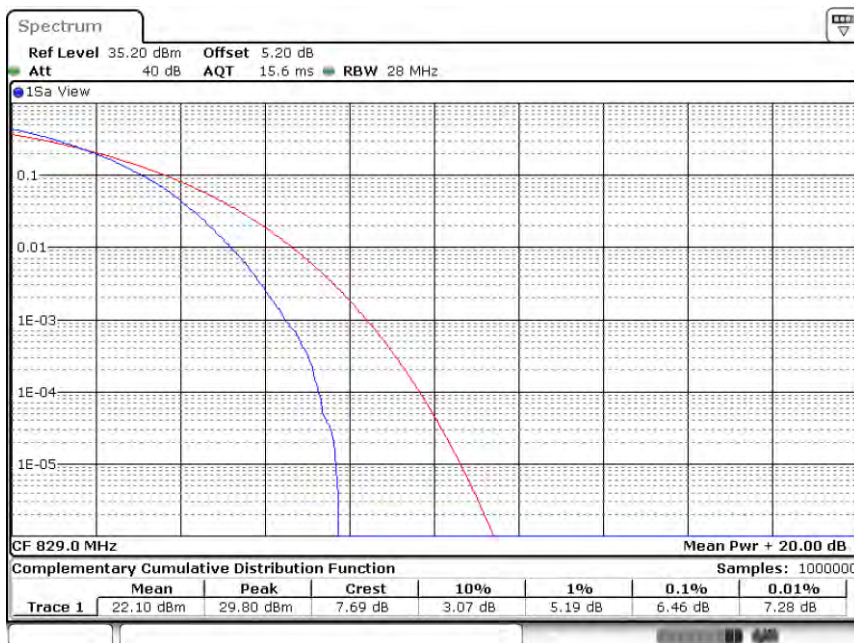
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Band5-10MHz-QPSK-20600-50RB#0



Date: 20 APR 2021 06:57:47

Band5-10MHz-64QAM-20450-50RB#0

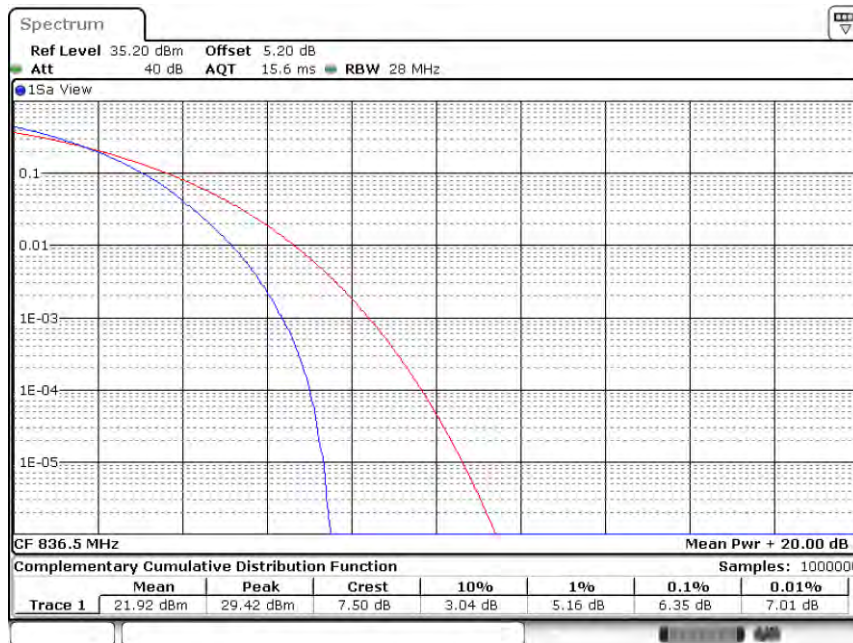


Date: 20 APR 2021 07:35:26



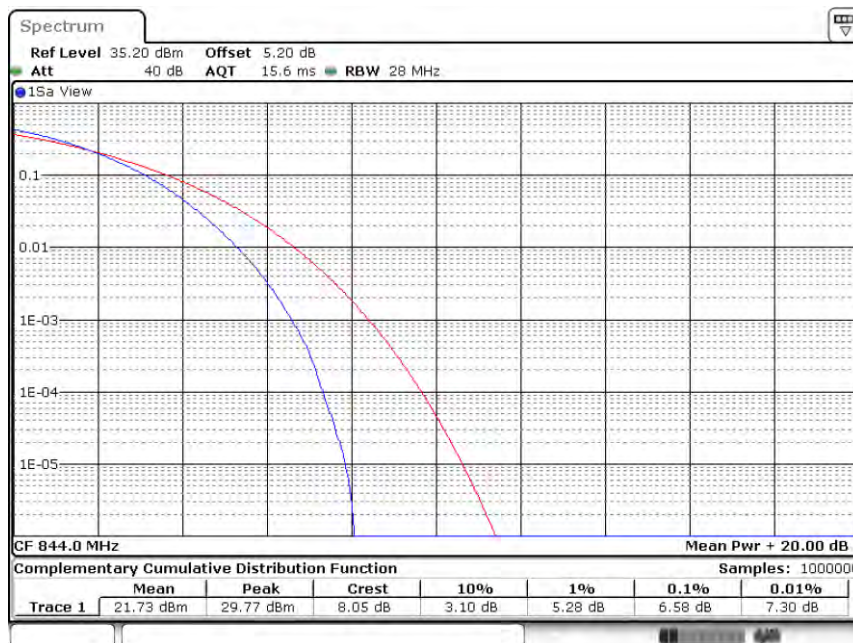
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Band5-10MHz-64QAM-20525-50RB#0



Date: 20 APR 2021 07:35:37

Band5-10MHz-64QAM-20600-50RB#0



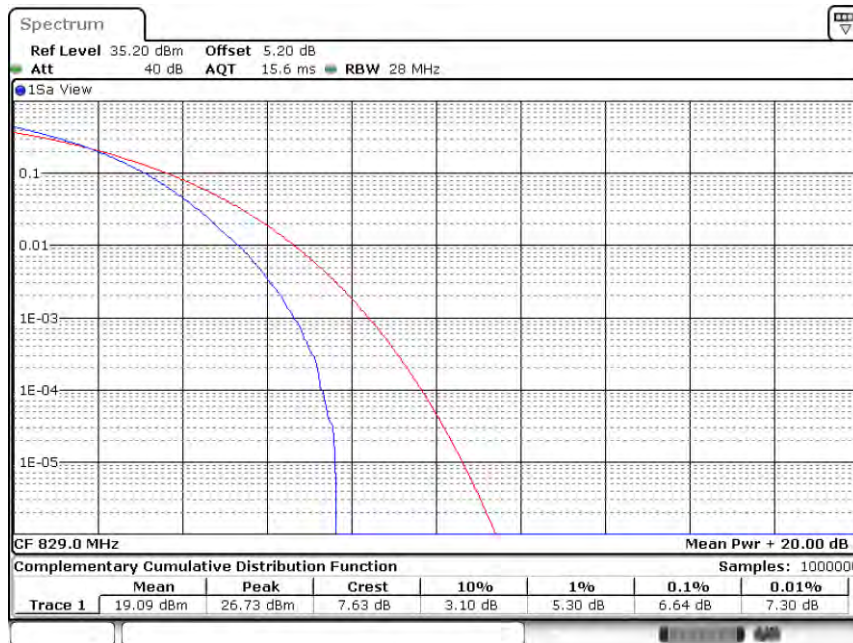
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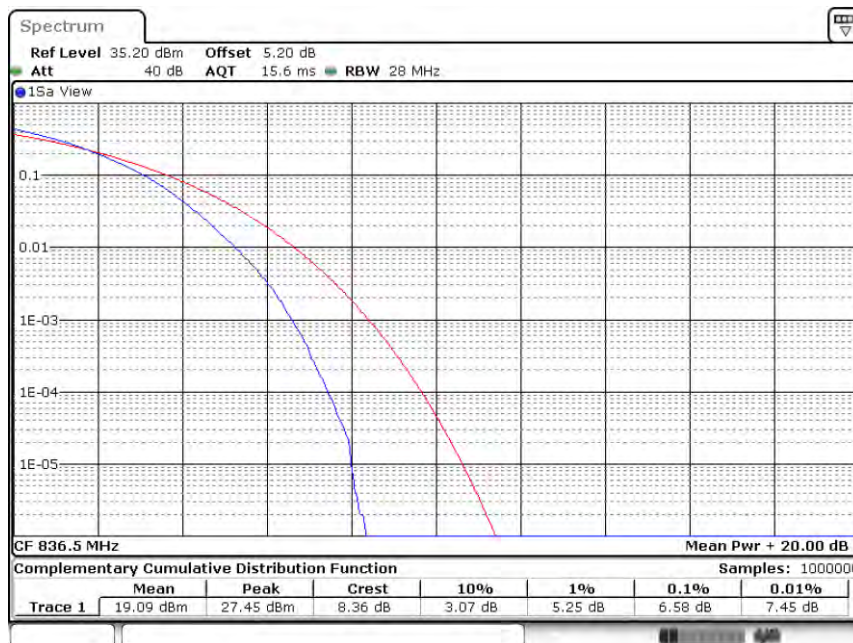
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Band5-10MHz-256QAM-20450-50RB#0



Date: 8.MAY.2021 03:31:48

Band5-10MHz-256QAM-20525-50RB#0



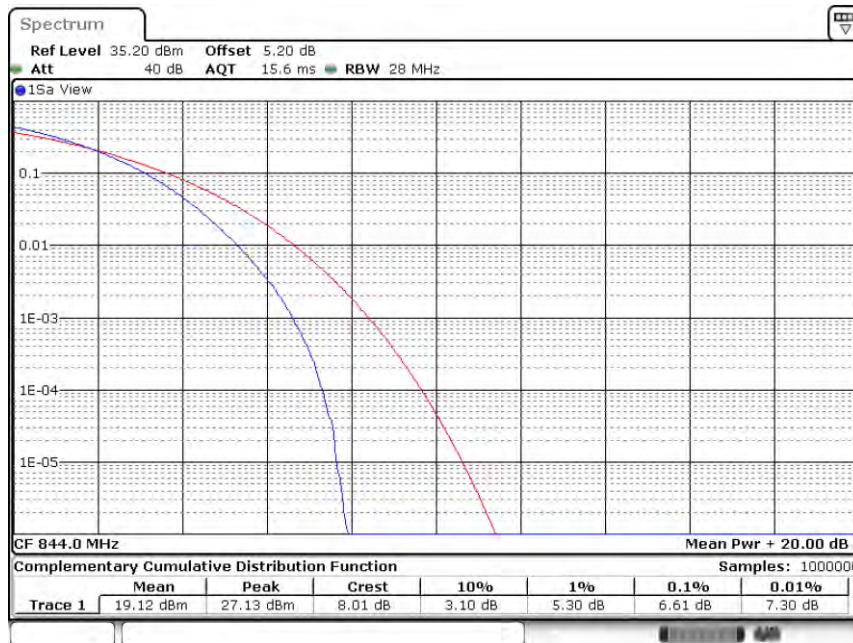
Date: 8.MAY.2021 03:31:59



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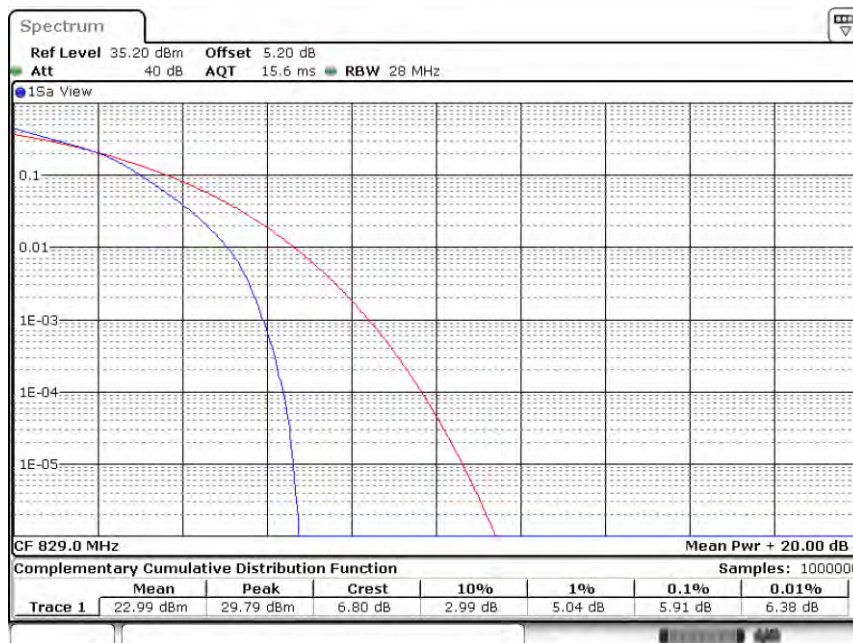
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Band5-10MHz-256QAM-20600-50RB#0



Date: 8.MAY.2021 03:32:11

Band5-10MHz-16QAM-20450-50RB#0



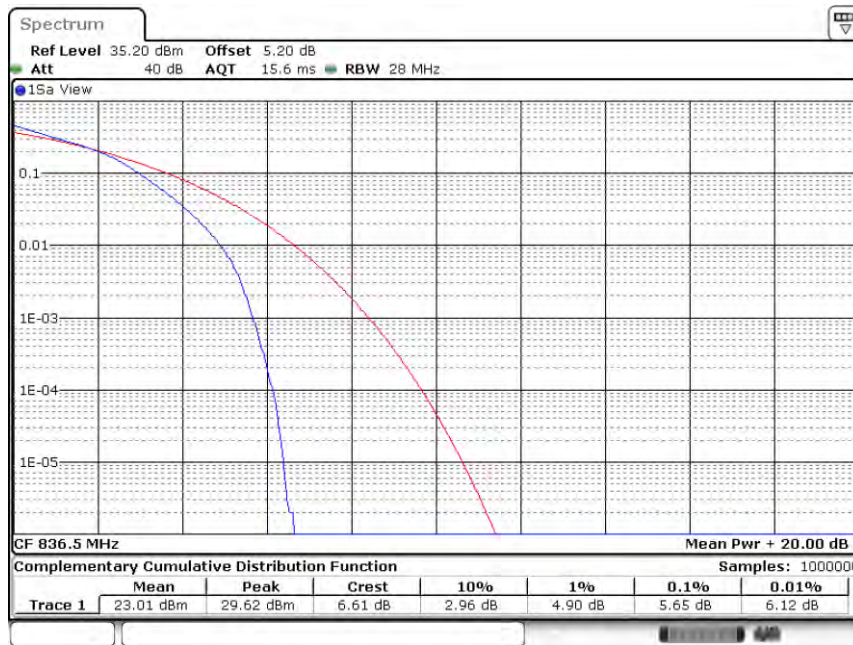
Date: 20.APR.2021 06:57:12



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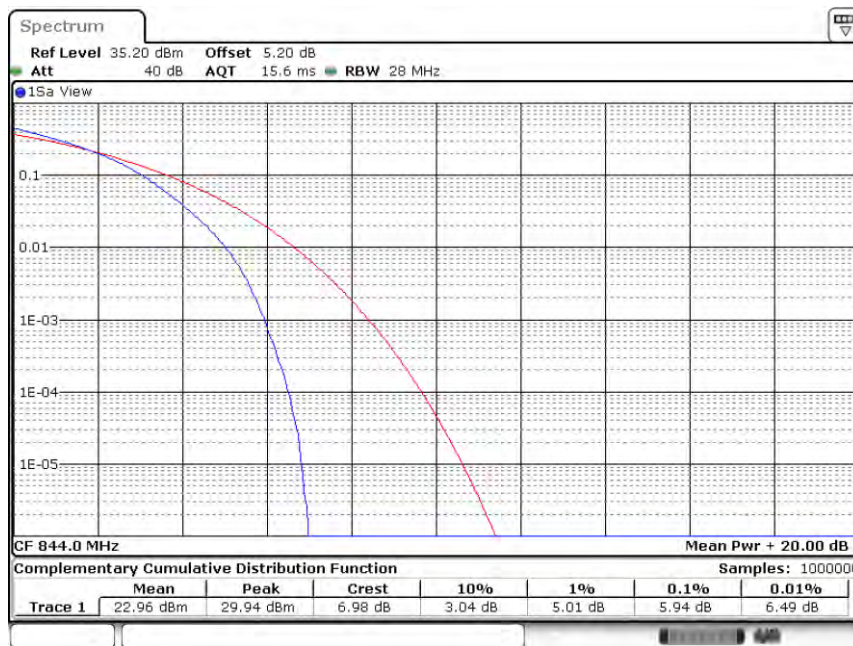


Band5-10MHz-16QAM-20525-50RB#0



Date: 20 APR 2021 06:57:35

Band5-10MHz-16QAM-20600-50RB#0



Date: 20 APR 2021 06:57:58

Remark: all modulation and all Bandwidth had been tested, but only the worst configuration was displayed in this report.



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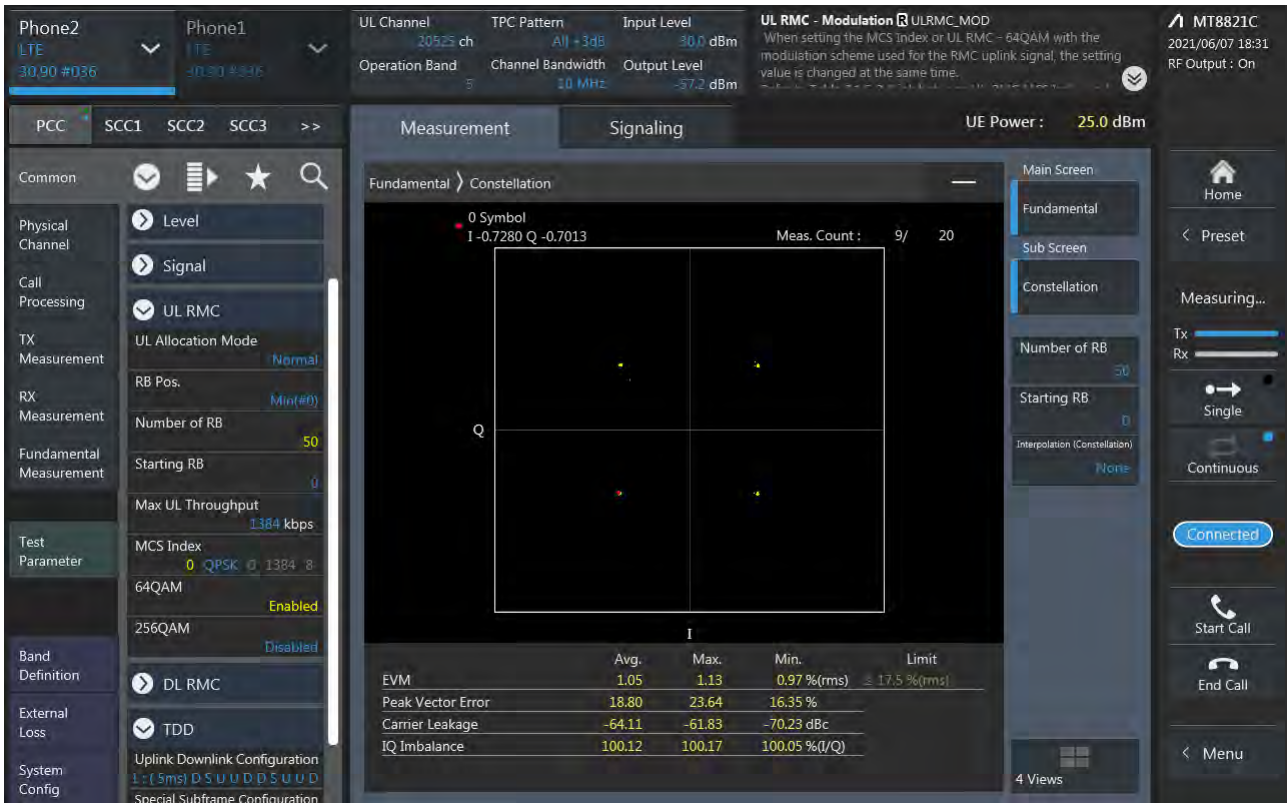
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 10MHz

3.1.1. Test Channel = MCH

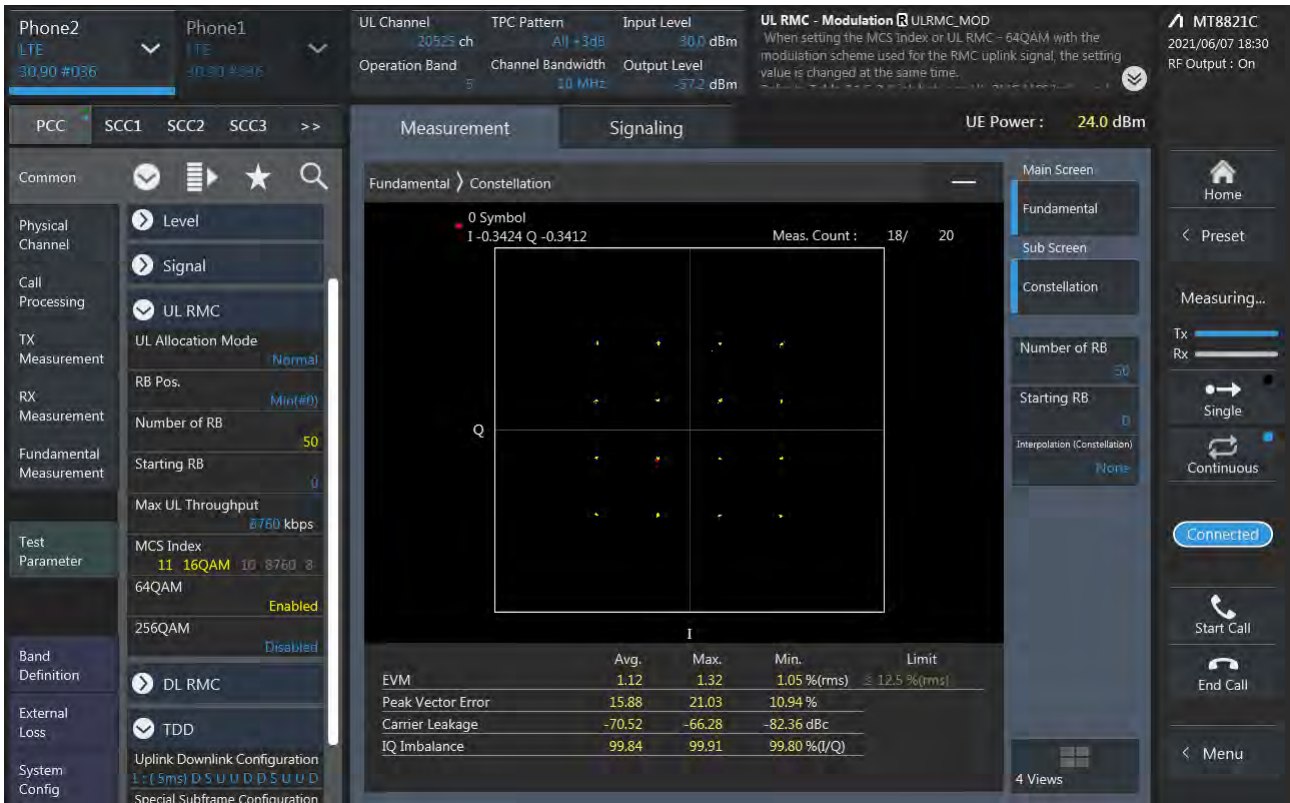


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3.2. Test Mode = LTE /TM2 10MHz

3.2.1. Test Channel = MCH



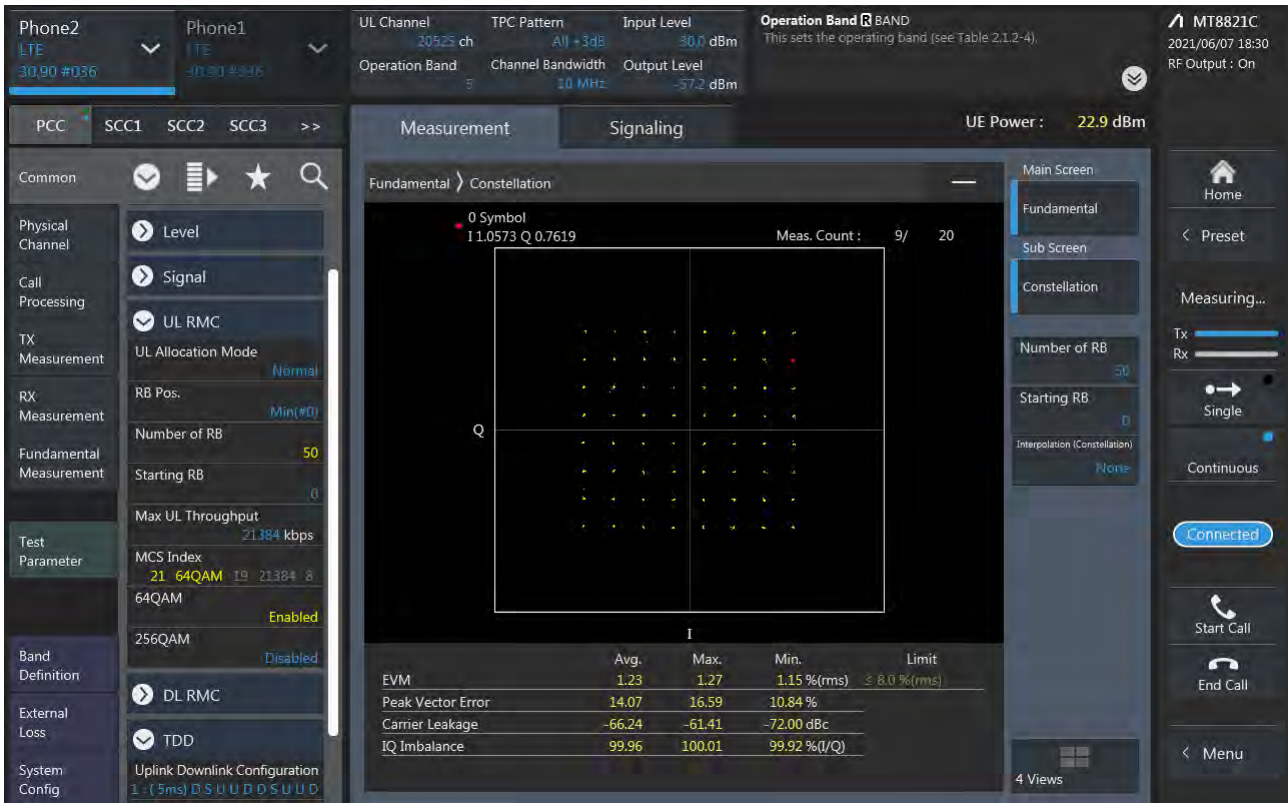
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3.3. Test Mode = LTE /TM3 10MHz

3.3.1. Test Channel = MCH



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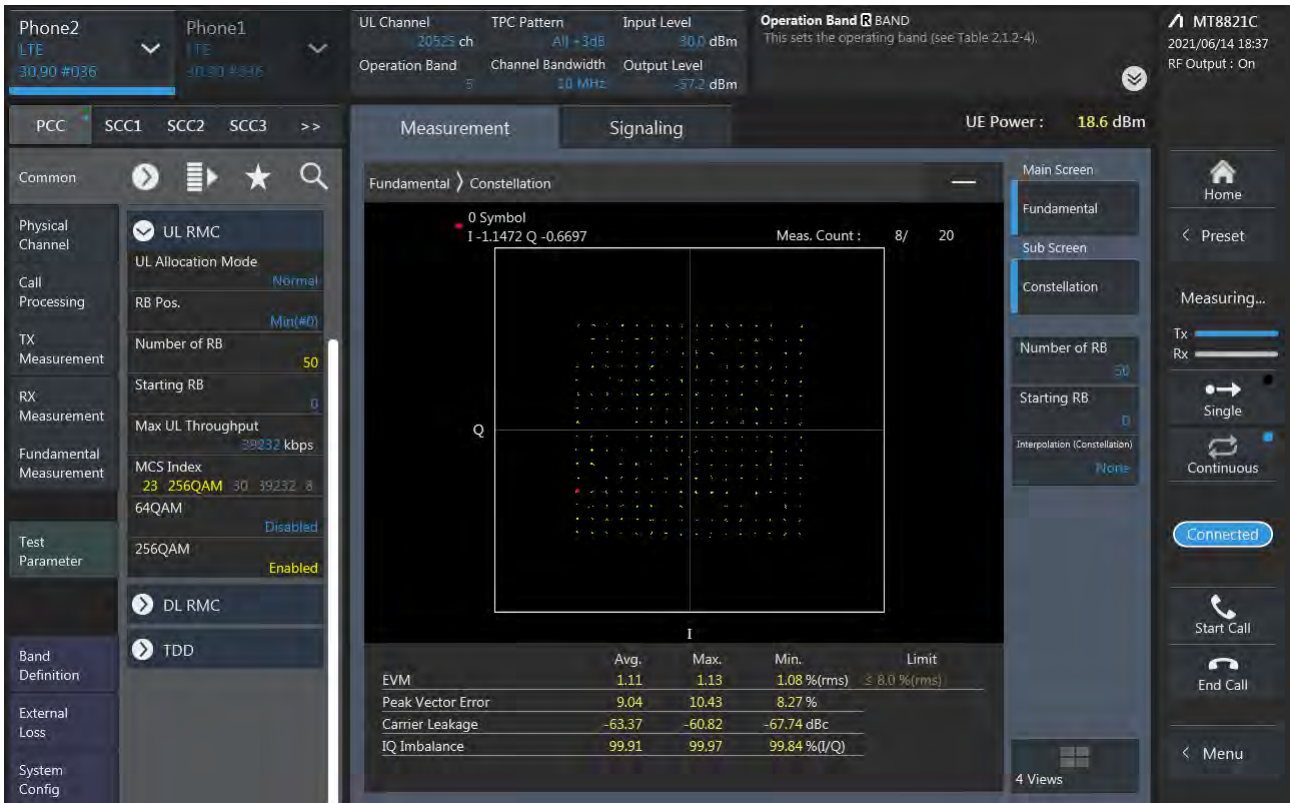
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3.4. Test Mode = LTE /TM4 10MHz

3.4.1. Test Channel = MCH



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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	1.085	1.236	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.088	1.242	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.085	1.242	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.085	1.242	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.085	1.242	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.088	1.242	PASS
Band5	1.4MHz	256QAM	20407	6RB#0	1.088	1.236	PASS
Band5	1.4MHz	256QAM	20525	6RB#0	1.088	1.236	PASS
Band5	1.4MHz	256QAM	20643	6RB#0	1.088	1.236	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.085	1.239	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.085	1.239	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.085	1.233	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.697	3.012	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.703	3.018	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.691	3.012	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.691	2.982	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.691	3.000	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.685	2.976	PASS
Band5	3MHz	256QAM	20415	15RB#0	2.691	3.018	PASS
Band5	3MHz	256QAM	20525	15RB#0	2.691	3.018	PASS
Band5	3MHz	256QAM	20635	15RB#0	2.691	3.012	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.685	2.982	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.685	2.988	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.679	2.970	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.466	4.890	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.476	4.890	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.476	4.860	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.476	4.940	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.466	4.930	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.466	4.910	PASS



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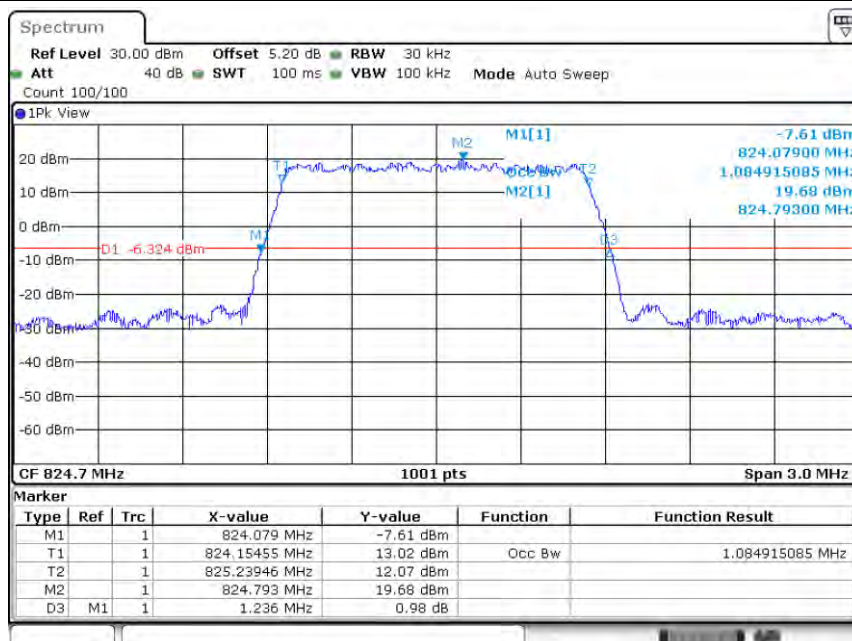
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Band5	5MHz	256QAM	20425	25RB#0	4.486	4.900	PASS
Band5	5MHz	256QAM	20525	25RB#0	4.476	4.880	PASS
Band5	5MHz	256QAM	20625	25RB#0	4.476	4.890	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.476	4.900	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.486	4.900	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.476	4.910	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.931	9.720	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.911	9.660	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.911	9.660	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.931	9.700	PASS
Band5	10MHz	64QAM	20525	50RB#0	8.911	9.740	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.931	9.680	PASS
Band5	10MHz	256QAM	20450	50RB#0	8.931	9.620	PASS
Band5	10MHz	256QAM	20525	50RB#0	8.931	9.680	PASS
Band5	10MHz	256QAM	20600	50RB#0	8.931	9.660	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.931	9.740	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.911	9.720	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.931	9.700	PASS

4.2. Test Plots

Band5-1.4MHz-QPSK-20407-6RB#0-1.085



Date: 20.APR.2021 06:33:44

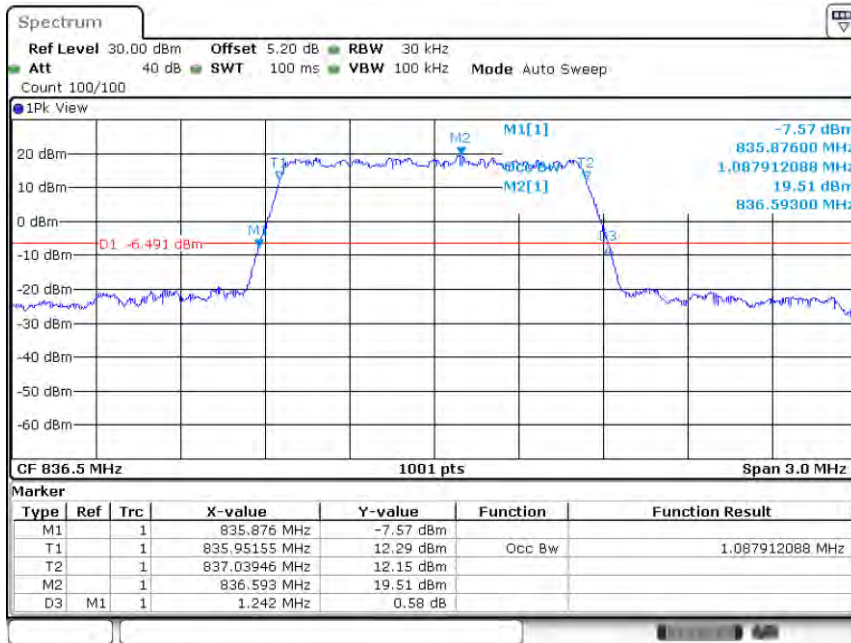


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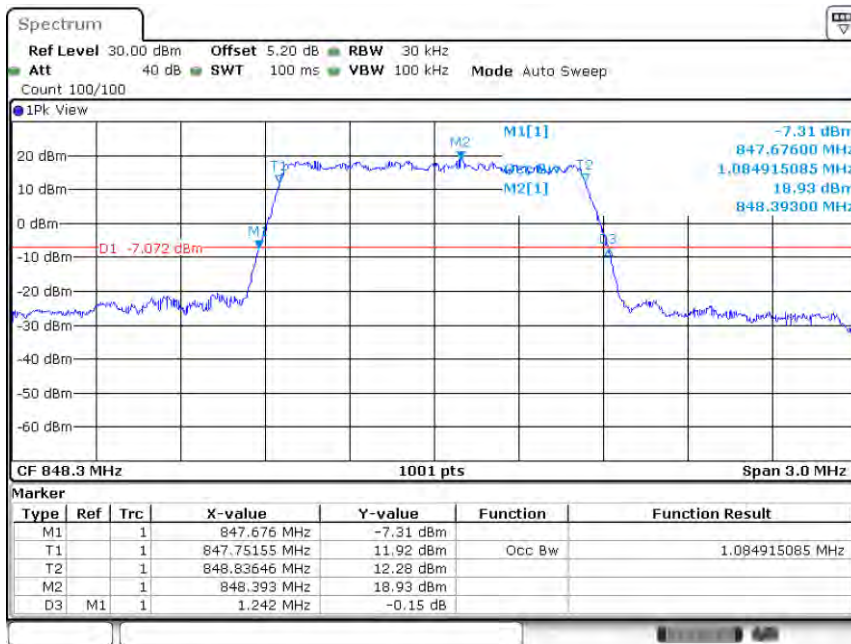
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch Inspection & Testing Services Laboratory
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
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Band5-1.4MHz-QPSK-20525-6RB#0-1.088



Date: 20.APR.2021 06:34:24

Band5-1.4MHz-QPSK-20643-6RB#0-1.085



Date: 20.APR.2021 06:35:03

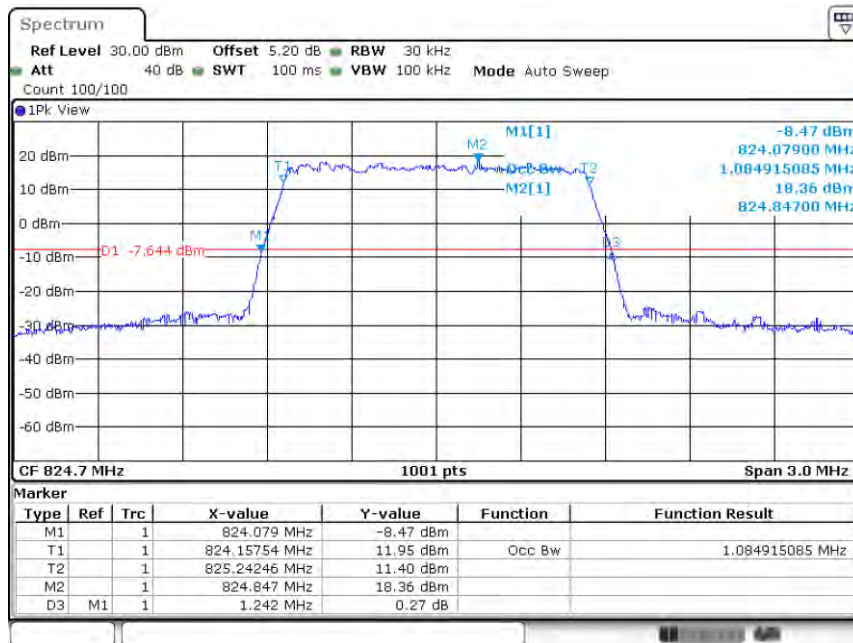


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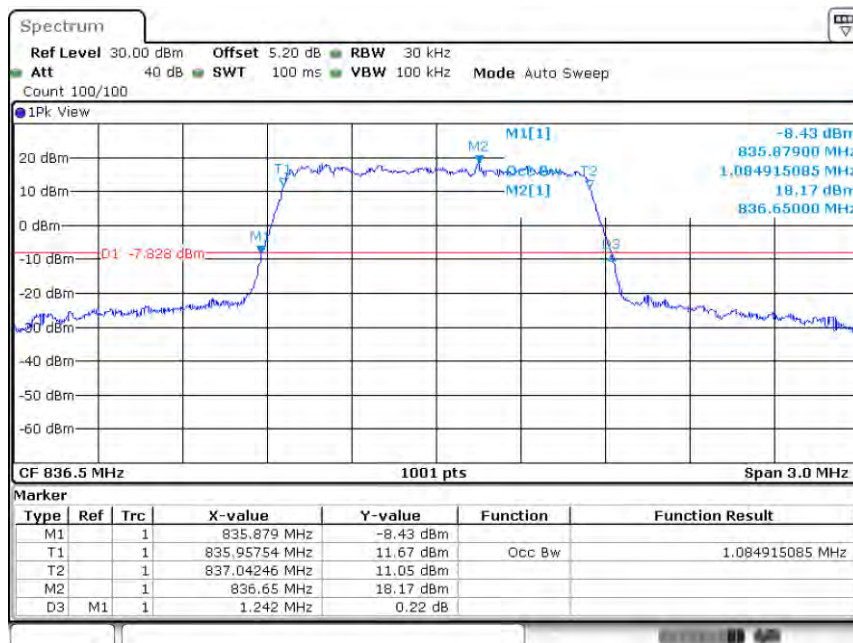
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Band5-1.4MHz-64QAM-20407-6RB#0-1.085



Date: 20.APR.2021 07:23:03

Band5-1.4MHz-64QAM-20525-6RB#0-1.085

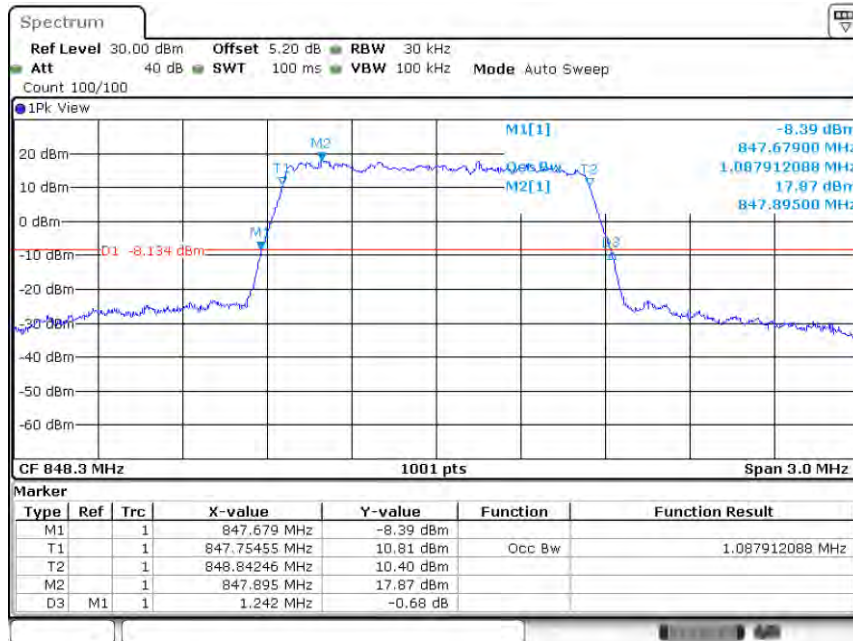


Date: 20.APR.2021 07:23:23



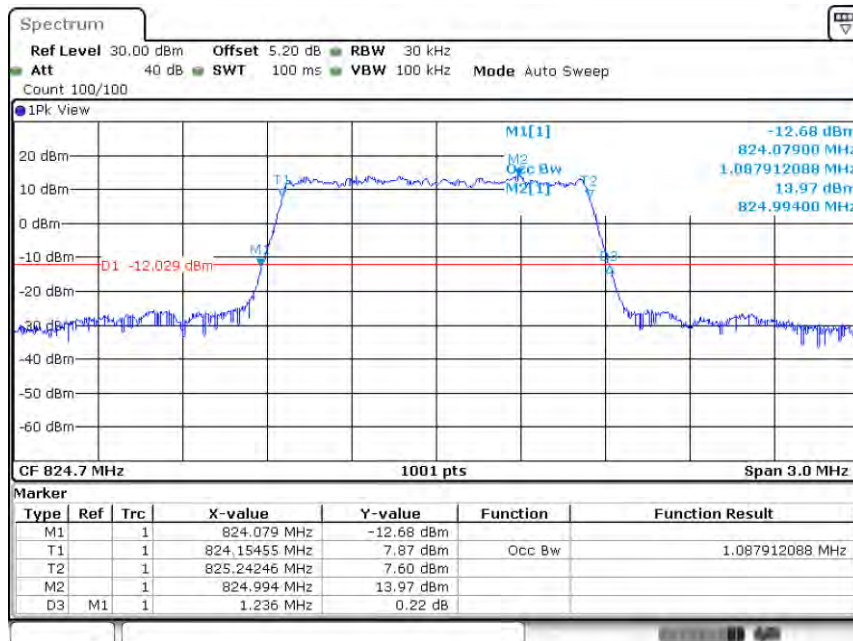
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Band5-1.4MHz-64QAM-20643-6RB#0-1.088



Date: 20 APR 2021 07:23:43

Band5-1.4MHz-256QAM-20407-6RB#0-1.088

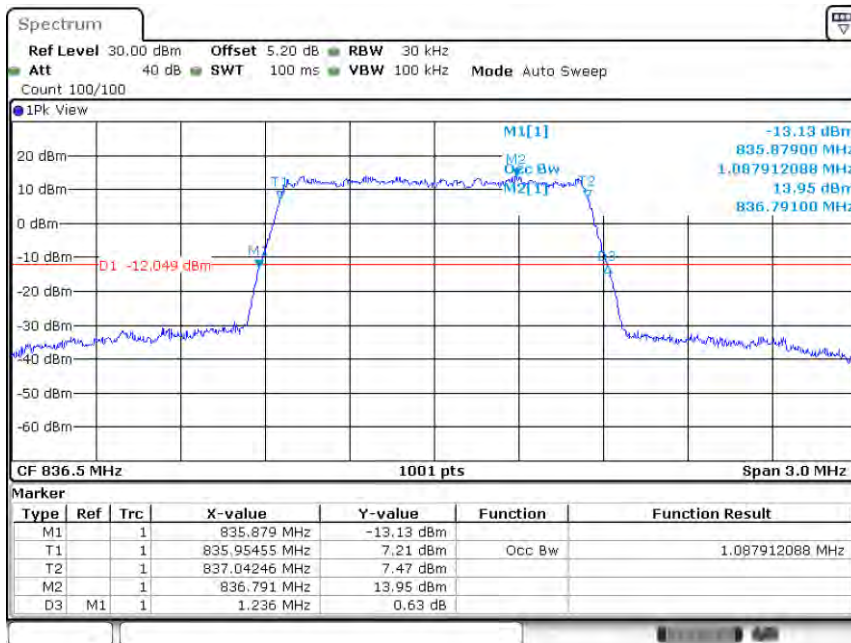


Date: 8 MAY 2021 03:27:34



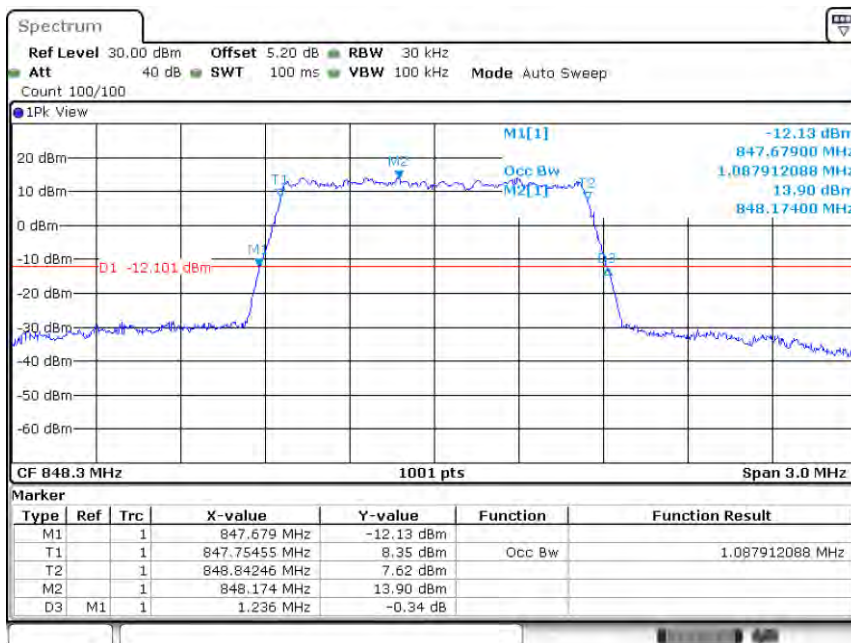
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Band5-1.4MHz-256QAM-20525-6RB#0-1.088



Date: 8.MAY.2021 03:27:54

Band5-1.4MHz-256QAM-20643-6RB#0-1.088

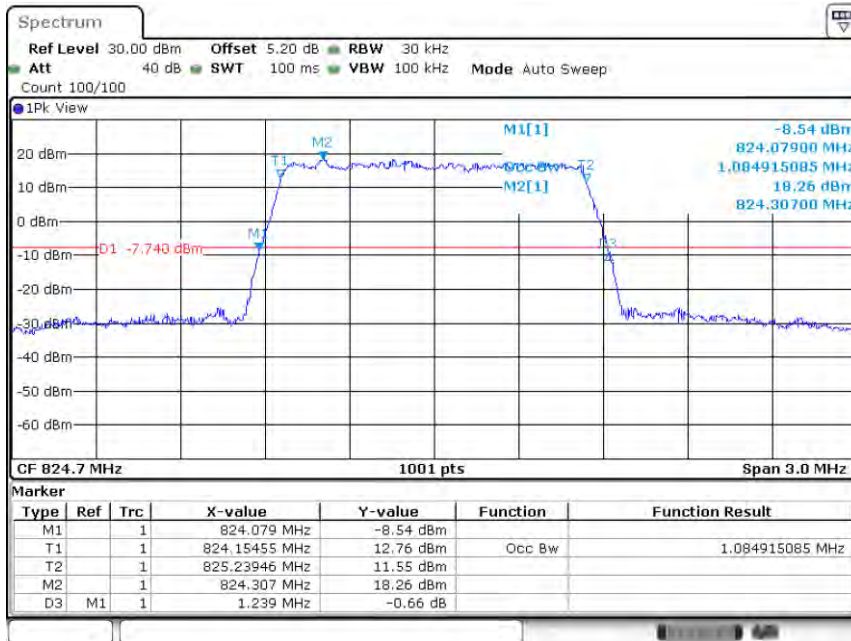


Date: 8.MAY.2021 03:28:14



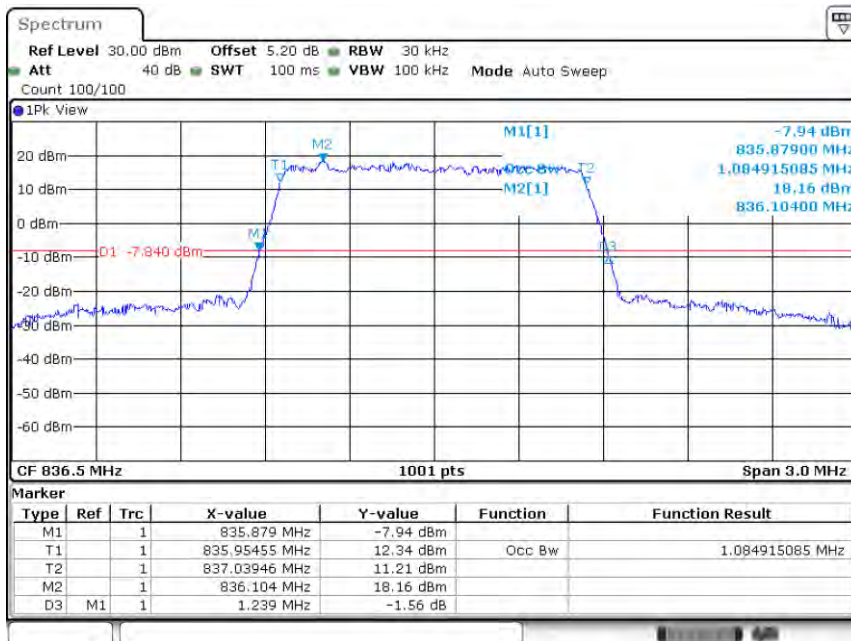
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Band5-1.4MHz-16QAM-20407-6RB#0-1.085



Date: 20.APR.2021 06:34:04

Band5-1.4MHz-16QAM-20525-6RB#0-1.085

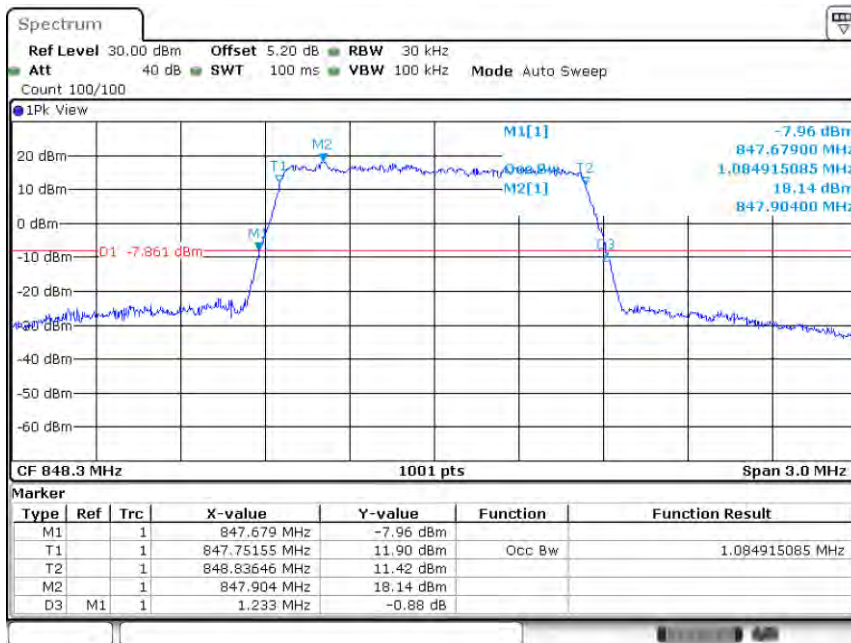


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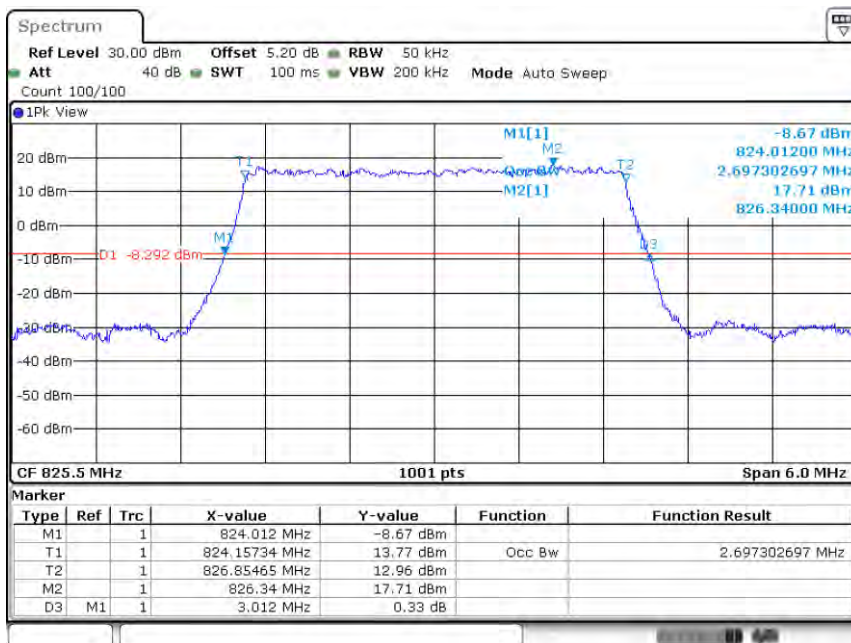
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Band5-1.4MHz-16QAM-20643-6RB#0-1.085



Date: 20.APR.2021 06:35:23

Band5-3MHz-QPSK-20415-15RB#0-2.697



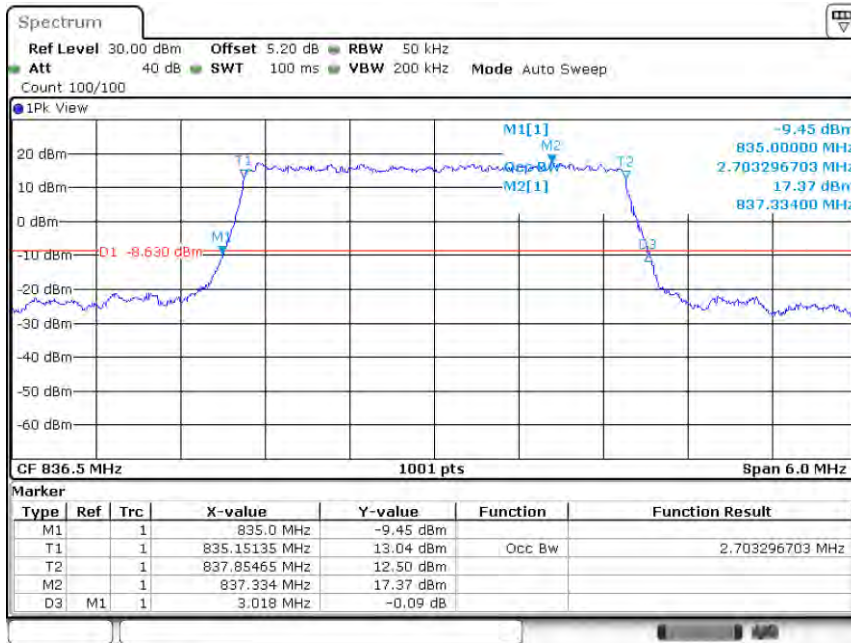
Date: 20.APR.2021 06:35:48



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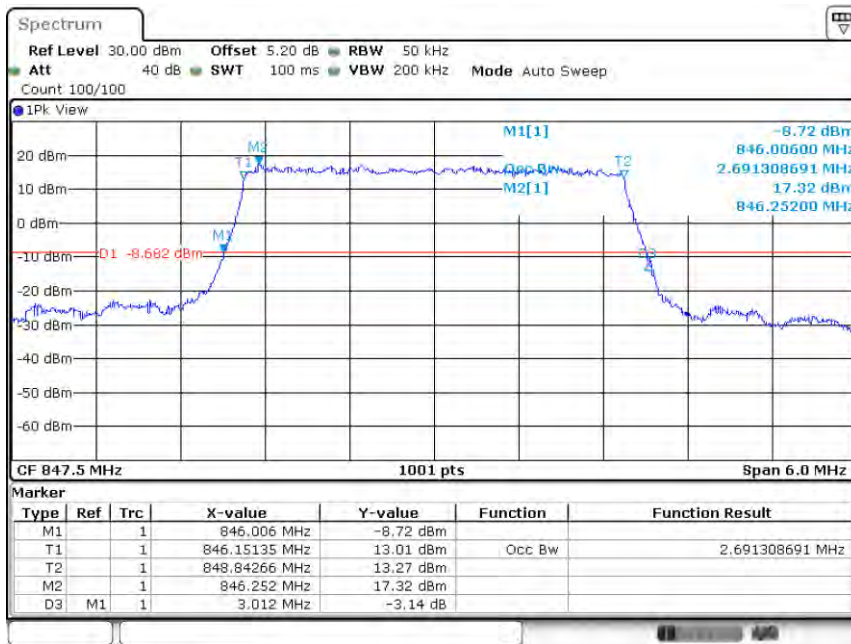


Band5-3MHz-QPSK-20525-15RB#0-2.703



Date: 20 APR 2021 06:38:28

Band5-3MHz-QPSK-20635-15RB#0-2.691

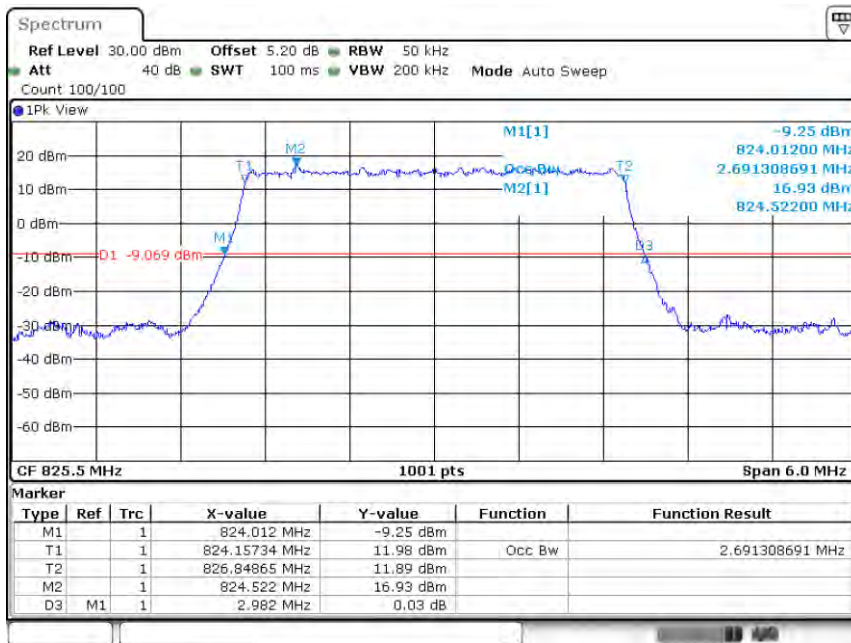


Date: 20 APR 2021 06:37:07



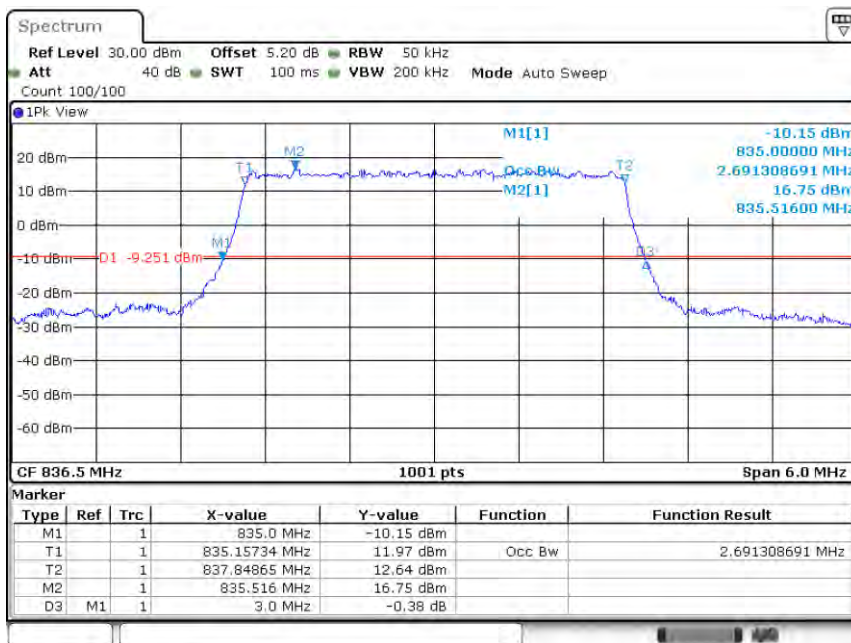
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Band5-3MHz-64QAM-20415-15RB#0-2.691



Date: 20 APR 2021 07:24:08

Band5-3MHz-64QAM-20525-15RB#0-2.691

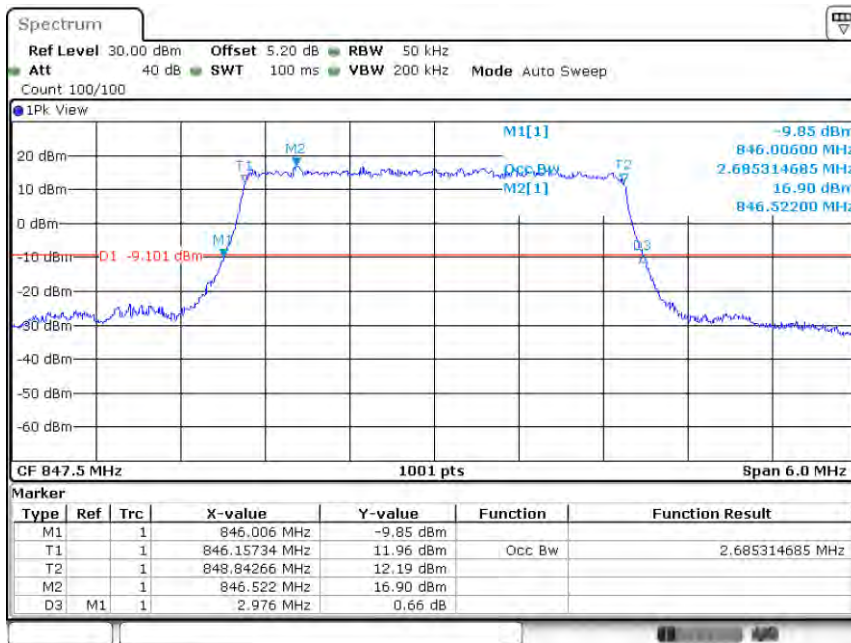


Date: 20 APR 2021 07:24:28



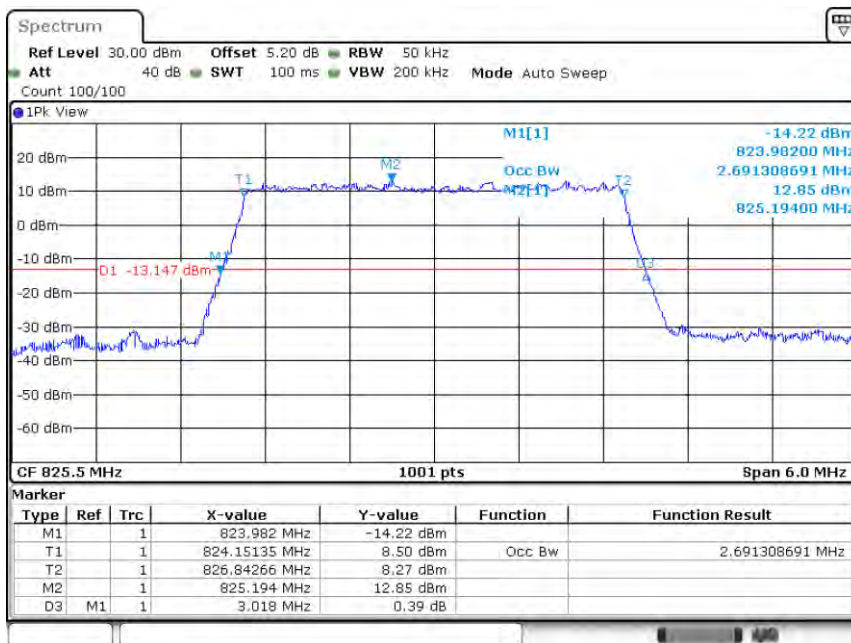
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Band5-3MHz-64QAM-20635-15RB#0-2.685



Date: 20.APR.2021 07:24:48

Band5-3MHz-256QAM-20415-15RB#0-2.691

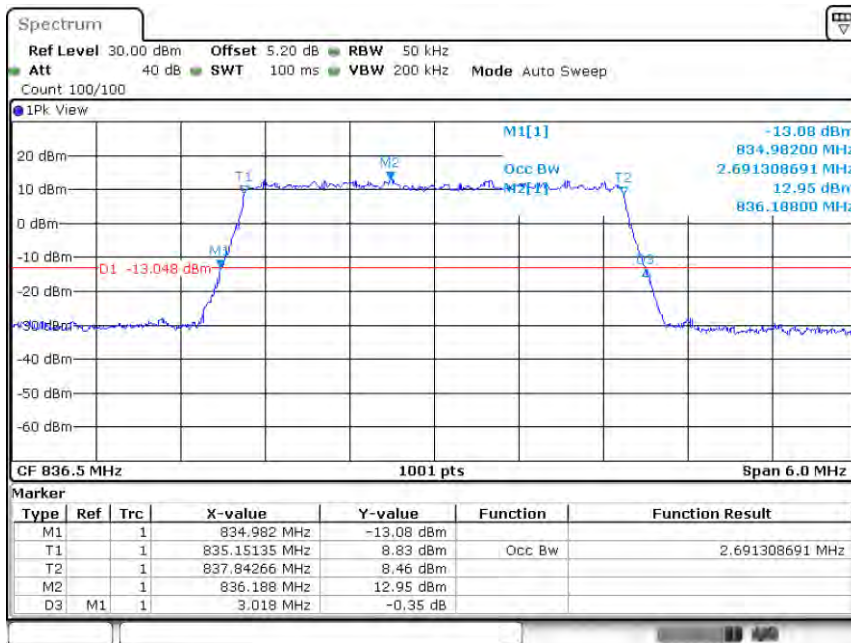


Date: 8.MAY.2021 03:28:40



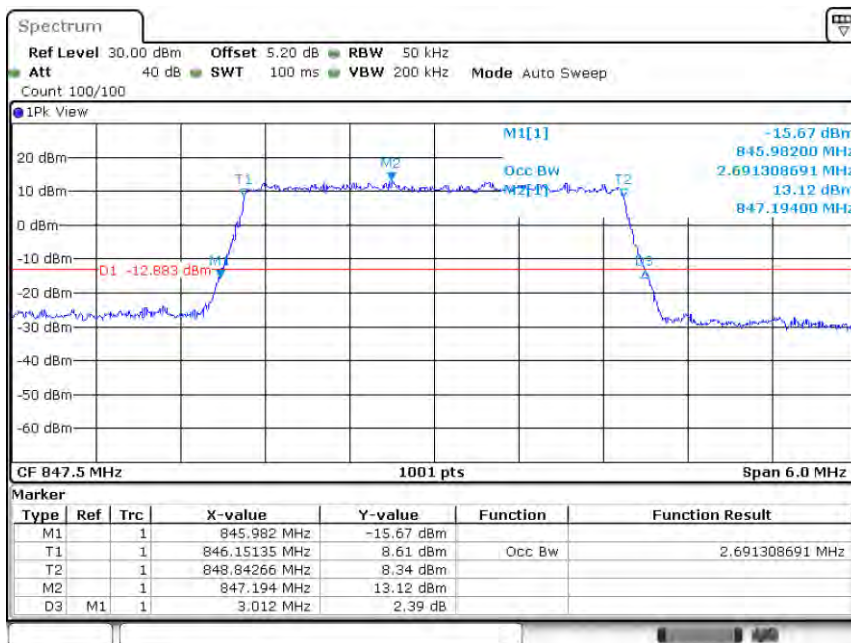
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Band5-3MHz-256QAM-20525-15RB#0-2.691



Date: 8.MAY.2021 03:29:00

Band5-3MHz-256QAM-20635-15RB#0-2.691

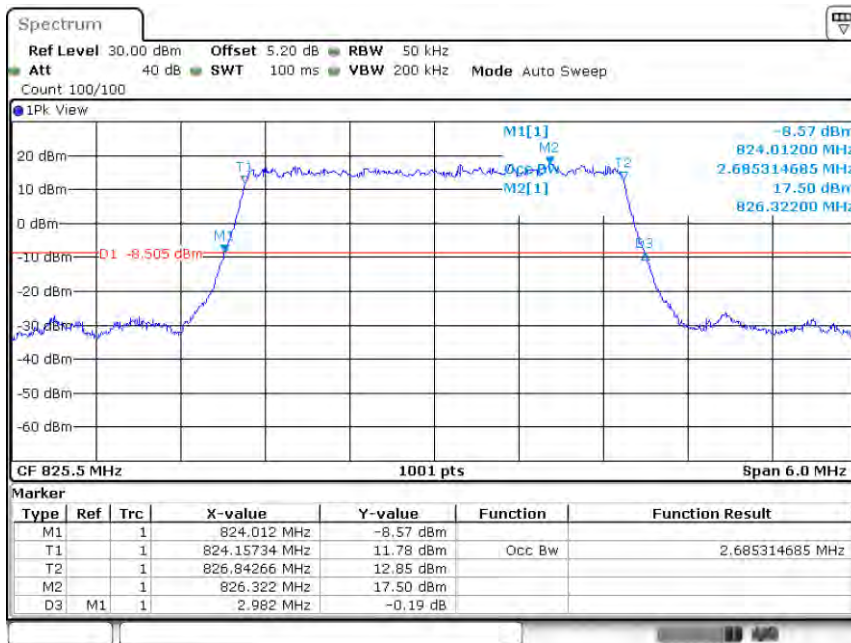


Date: 8.MAY.2021 03:29:20



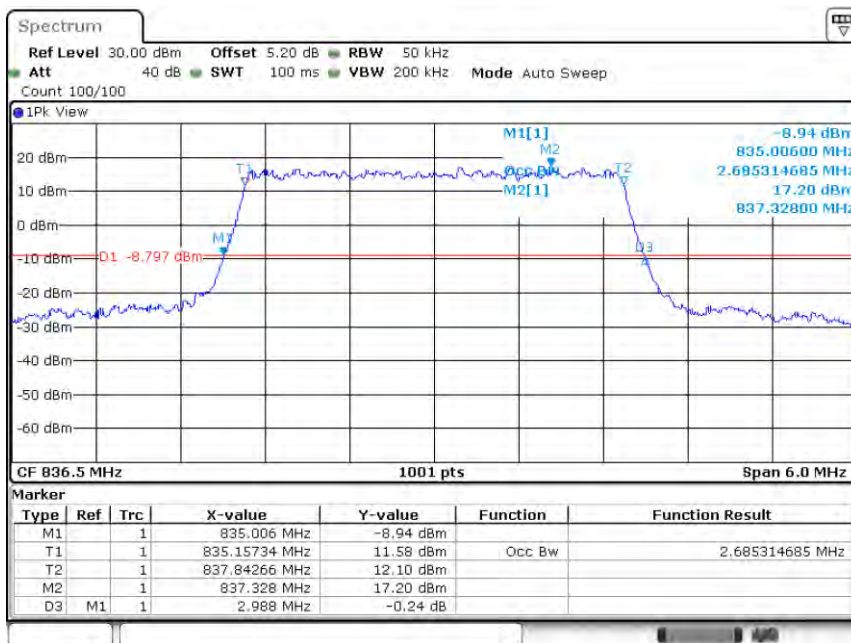
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Band5-3MHz-16QAM-20415-15RB#0-2.685



Date: 20 APR 2021 06:36:08

Band5-3MHz-16QAM-20525-15RB#0-2.685



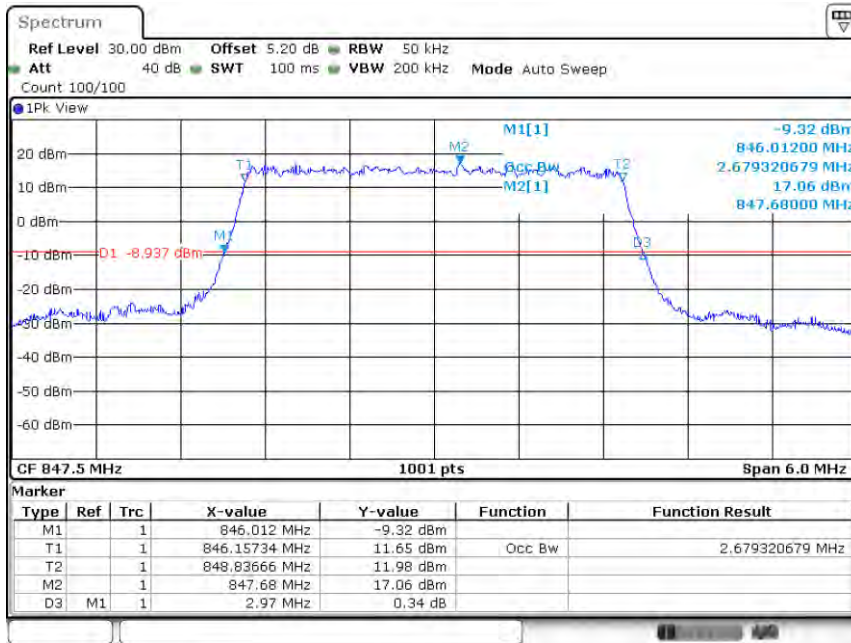
Date: 20 APR 2021 06:36:47



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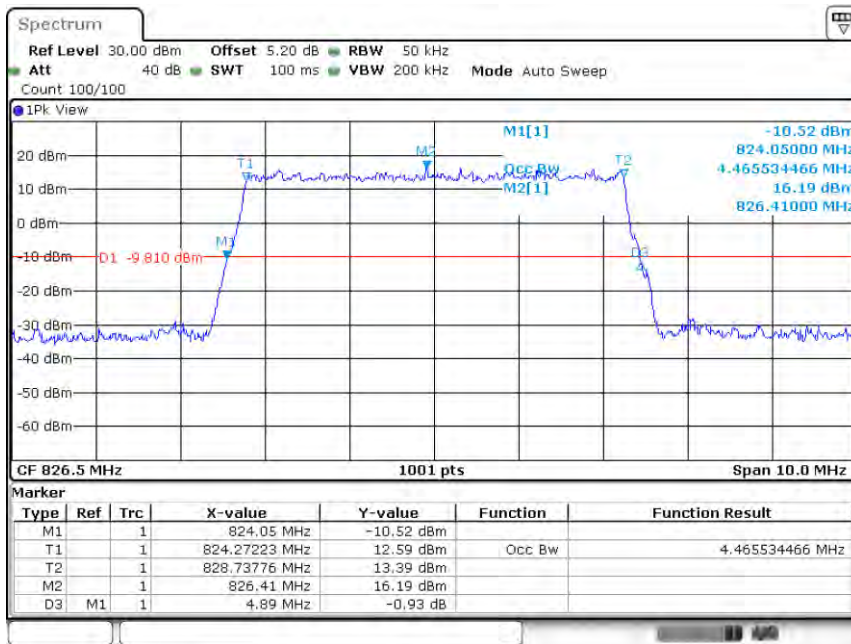


Band5-3MHz-16QAM-20635-15RB#0-2.679



Date: 20 APR 2021 06:37:27

Band5-5MHz-QPSK-20425-25RB#0-4.466

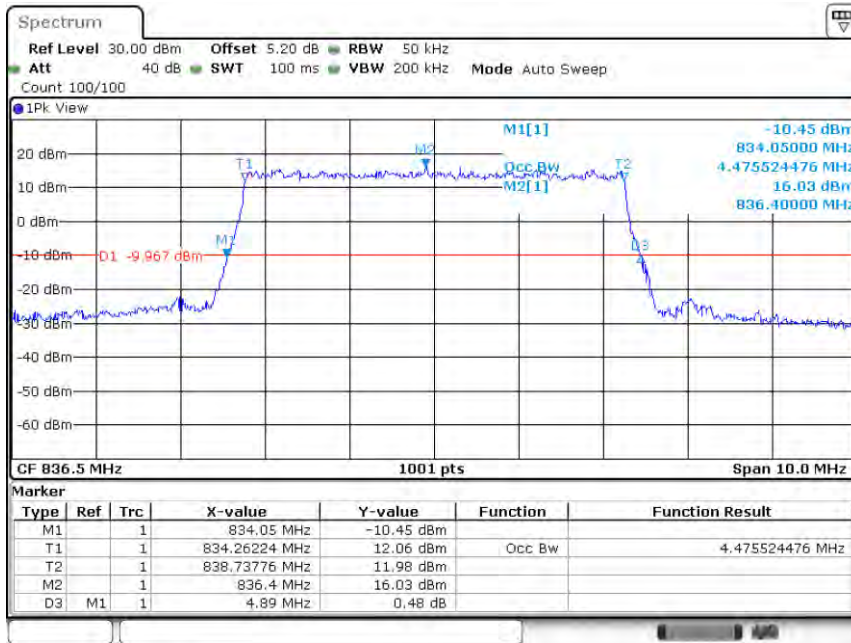


Date: 20 APR 2021 06:37:52



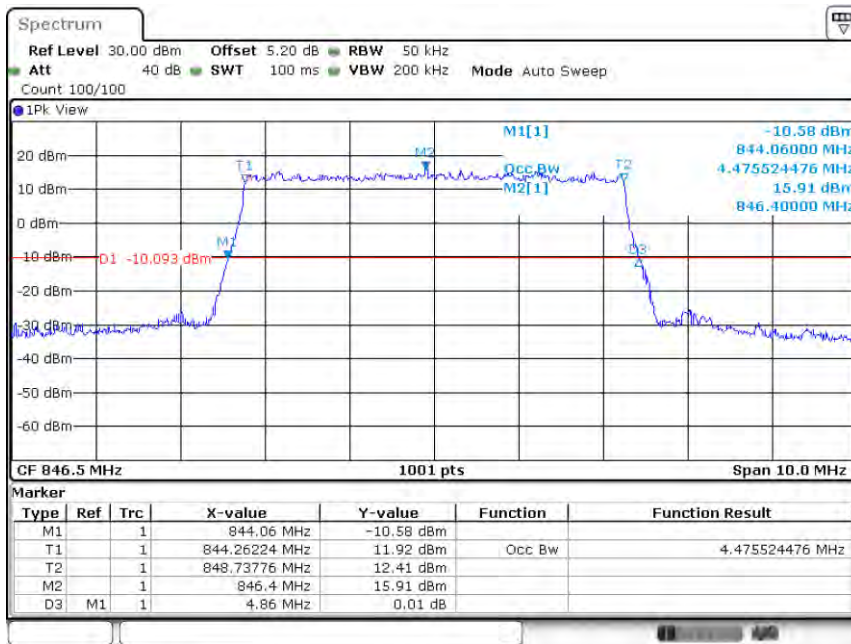
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Band5-5MHz-QPSK-20525-25RB#0-4.476



Date: 20 APR 2021 06:38:31

Band5-5MHz-QPSK-20625-25RB#0-4.476



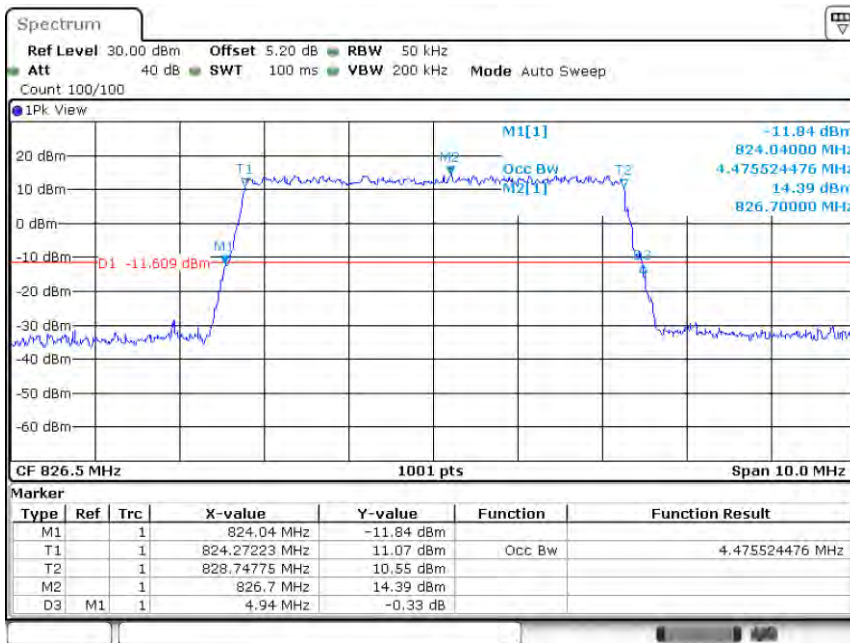
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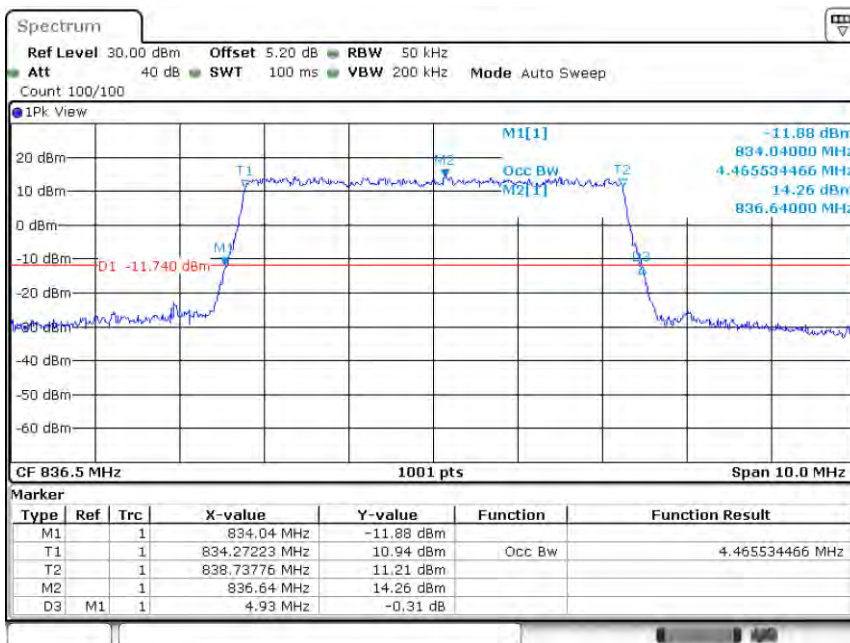


Band5-5MHz-64QAM-20425-25RB#0-4.476



Date: 20 APR 2021 07:25:12

Band5-5MHz-64QAM-20525-25RB#0-4.466

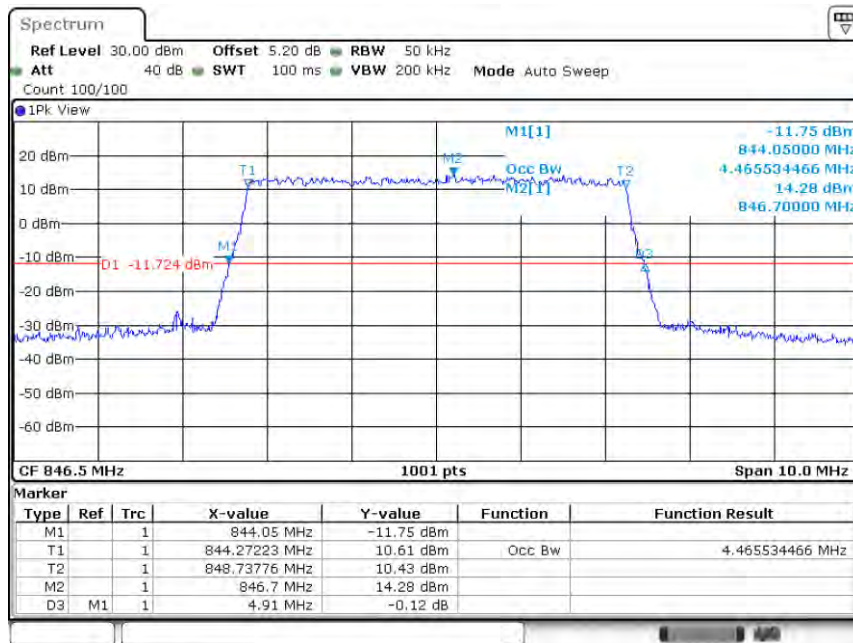


Date: 20 APR 2021 07:25:32



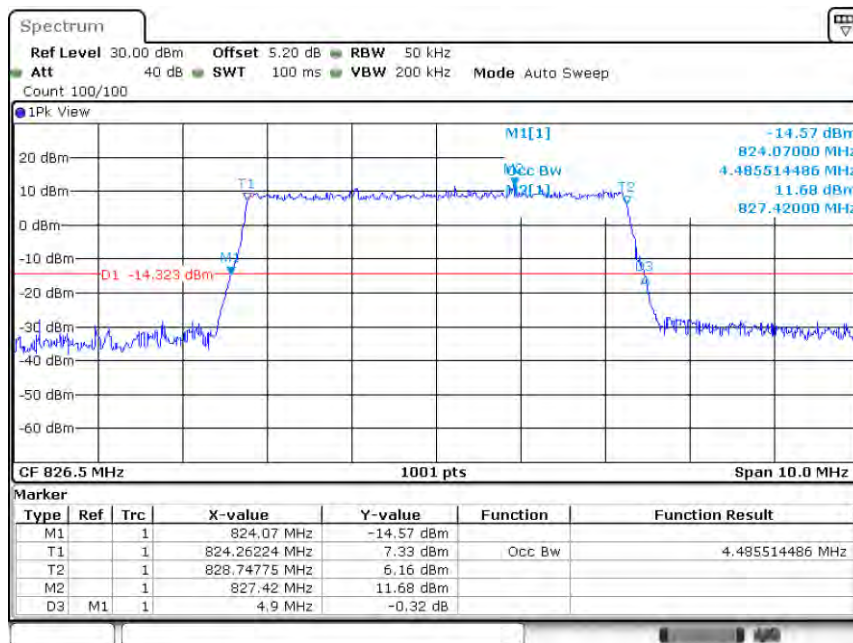
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Band5-5MHz-64QAM-20625-25RB#0-4.466



Date: 20.APR.2021 07:25:52

Band5-5MHz-256QAM-20425-25RB#0-4.486



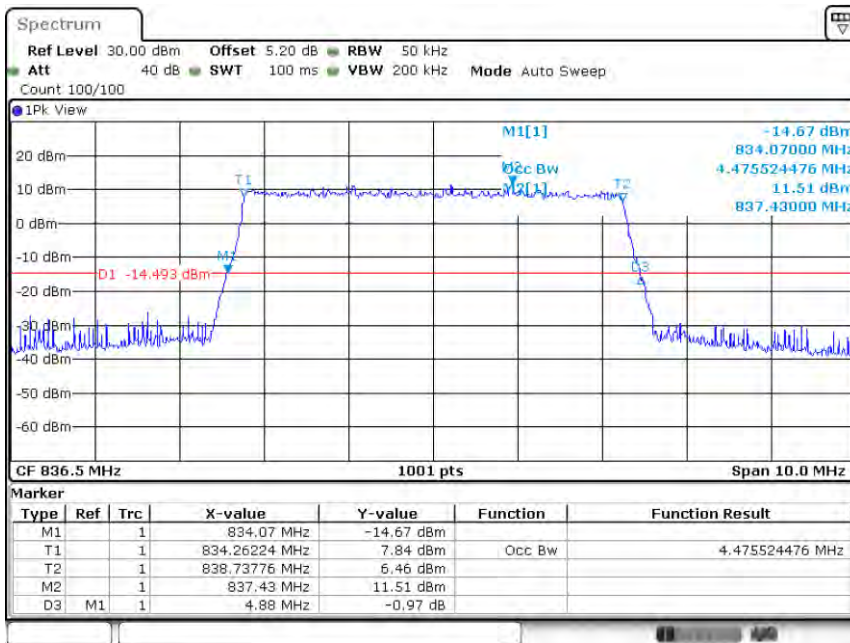
Date: 8.MAY.2021 03:29:46



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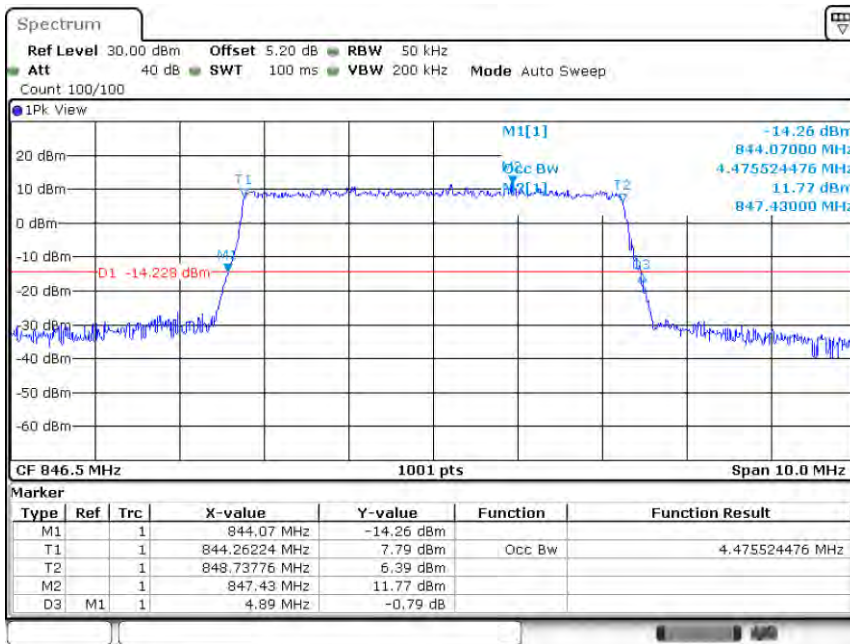


Band5-5MHz-256QAM-20525-25RB#0-4.476



Date: 8.MAY.2021 03:30:06

Band5-5MHz-256QAM-20625-25RB#0-4.476



Date: 8.MAY.2021 03:30:26

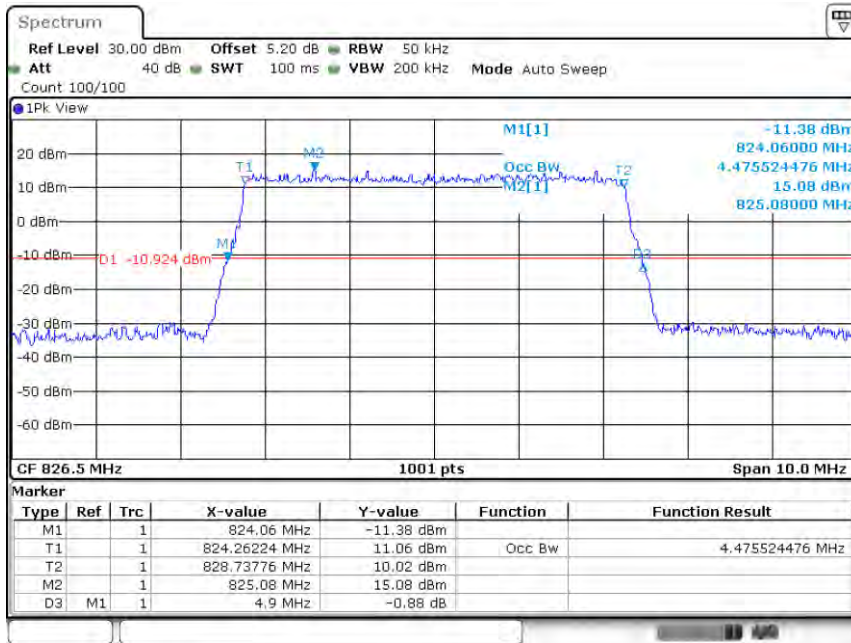


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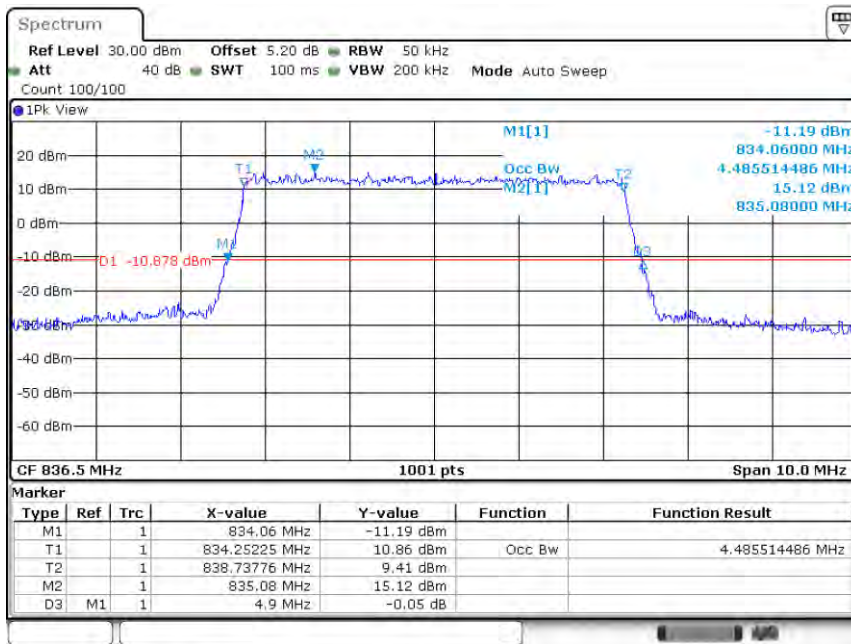
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 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band5-5MHz-16QAM-20425-25RB#0-4.476



Date: 20 APR 2021 06:38:11

Band5-5MHz-16QAM-20525-25RB#0-4.486

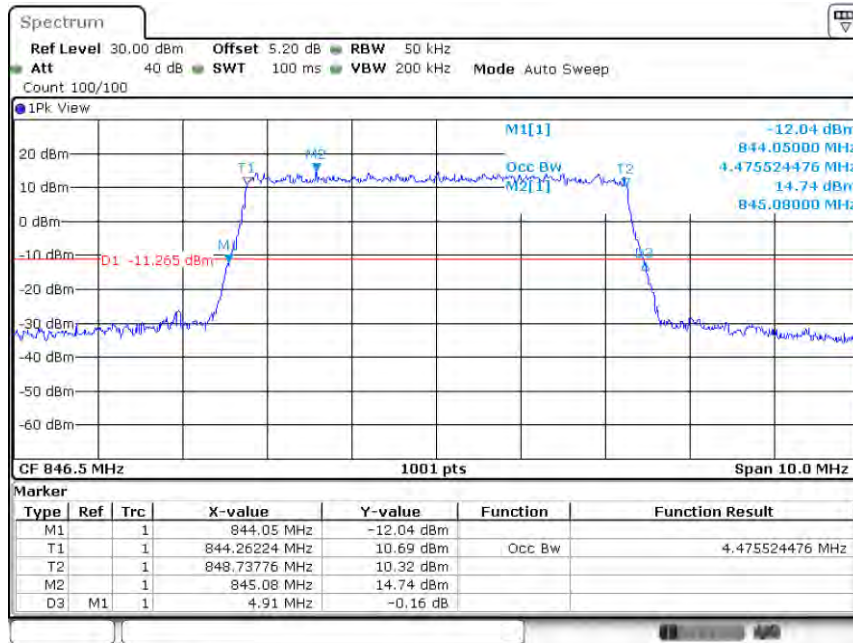


Date: 20 APR 2021 06:38:51



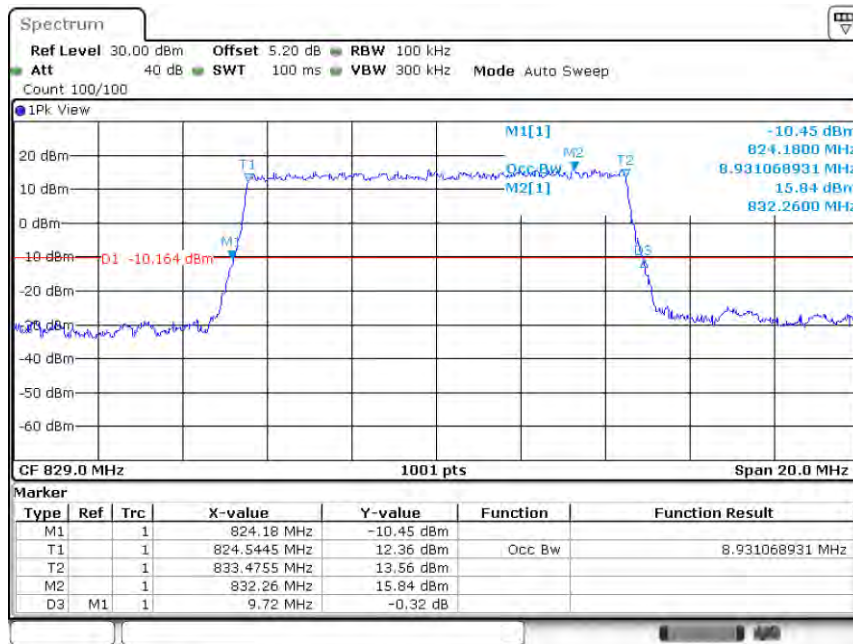
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Band5-5MHz-16QAM-20625-25RB#0-4.476



Date: 20 APR 2021 06:39:31

Band5-10MHz-QPSK-20450-50RB#0-8.931

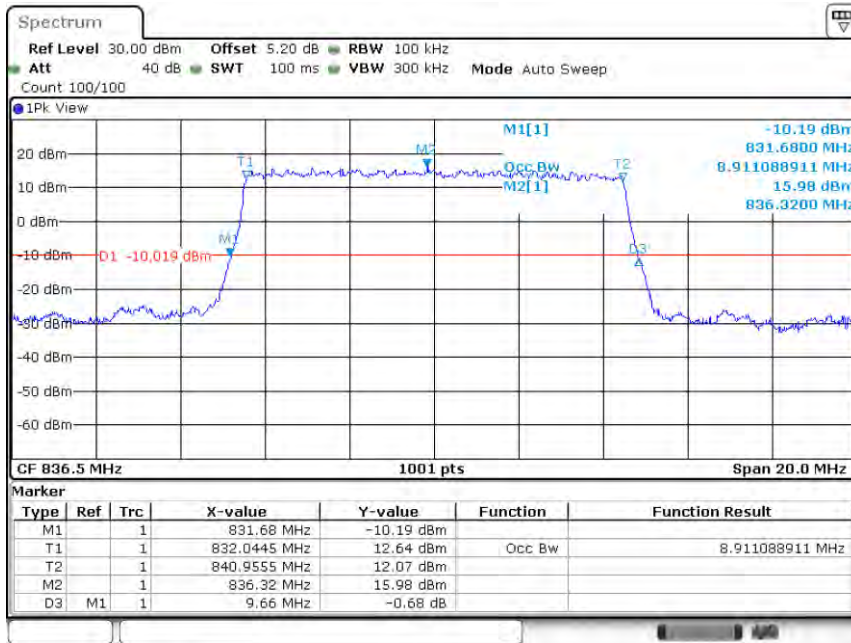


Date: 20 APR 2021 06:39:55



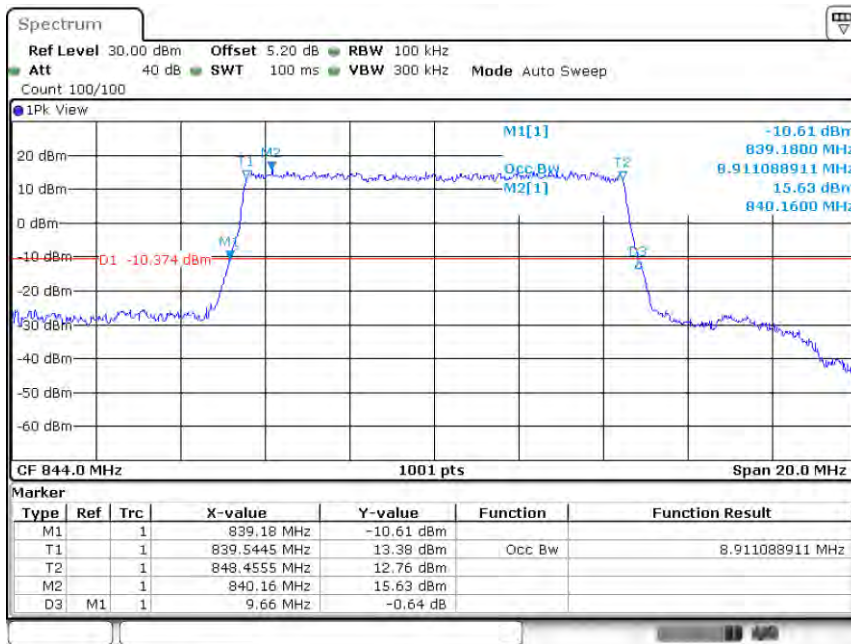
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Band5-10MHz-QPSK-20525-50RB#0-8.911



Date: 20 APR 2021 06:40:35

Band5-10MHz-QPSK-20600-50RB#0-8.911

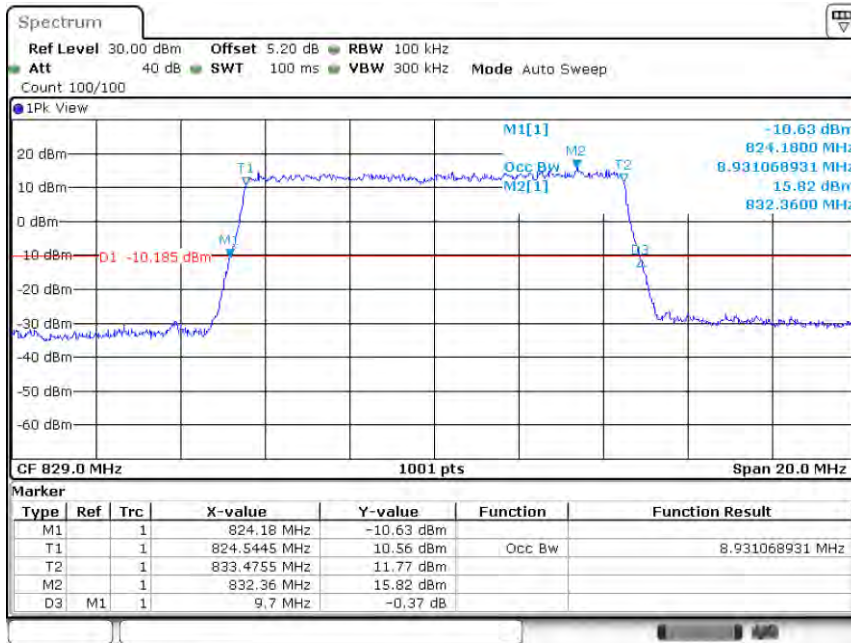


Date: 20 APR 2021 06:41:15



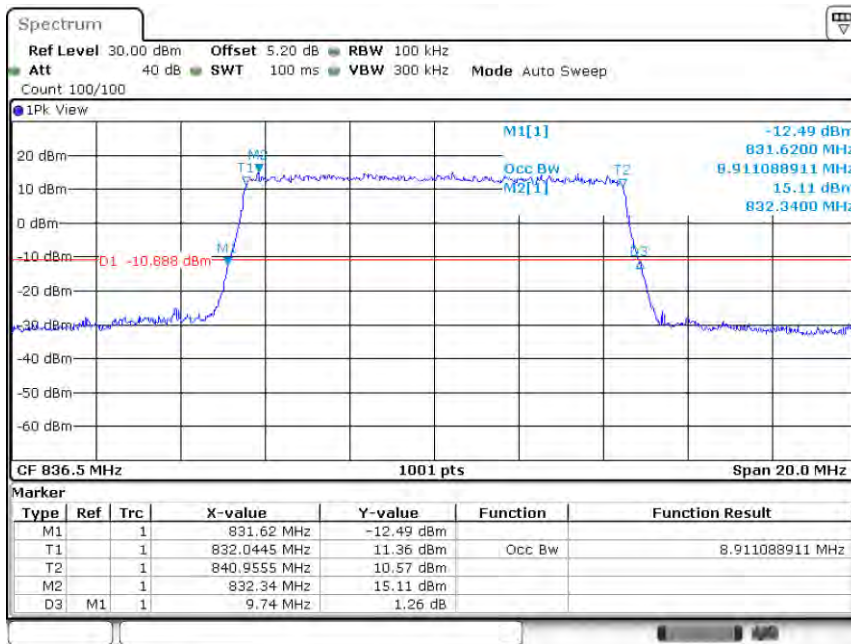
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Band5-10MHz-64QAM-20450-50RB#0-8.931



Date: 20 APR 2021 07:28:17

Band5-10MHz-64QAM-20525-50RB#0-8.911



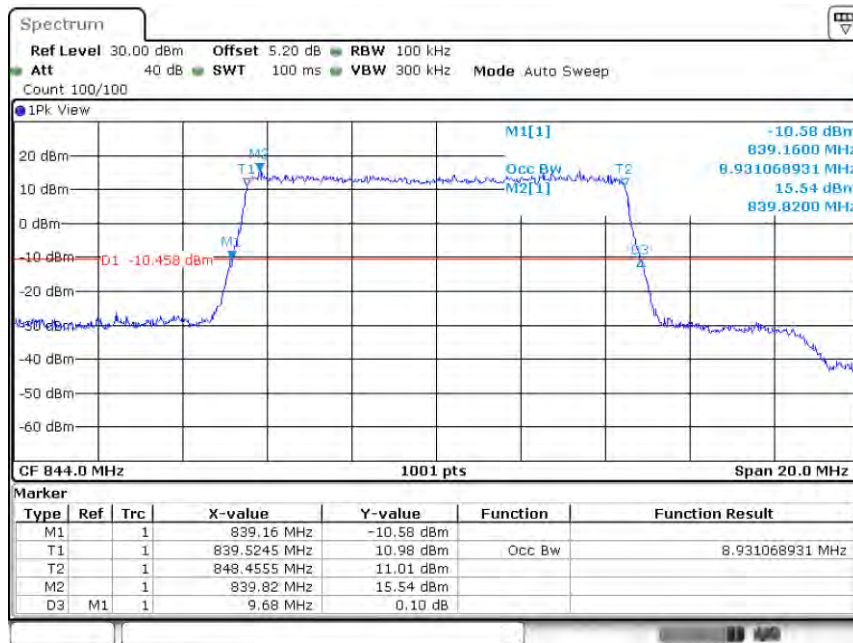
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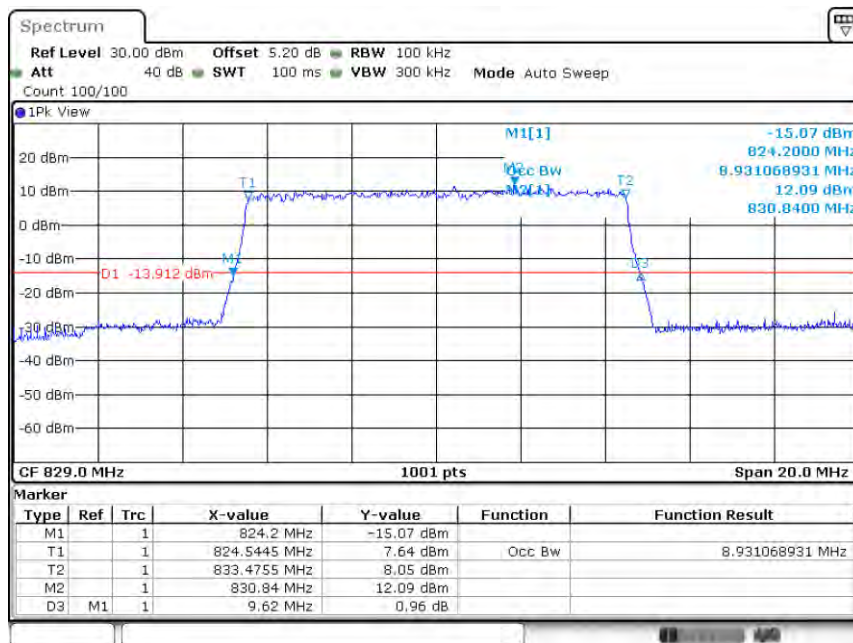


Band5-10MHz-64QAM-20600-50RB#0-8.931



Date: 20.APR.2021 07:28:57

Band5-10MHz-256QAM-20450-50RB#0-8.931



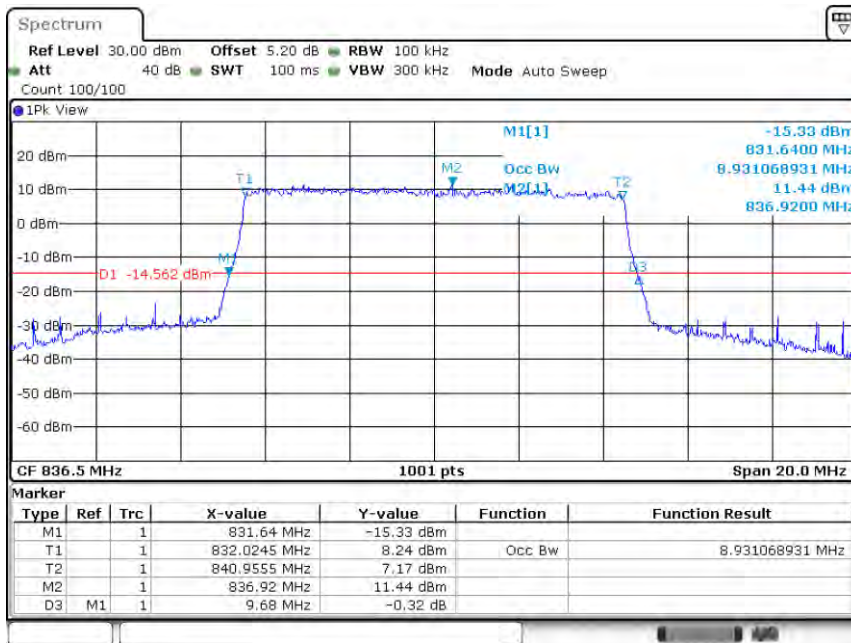
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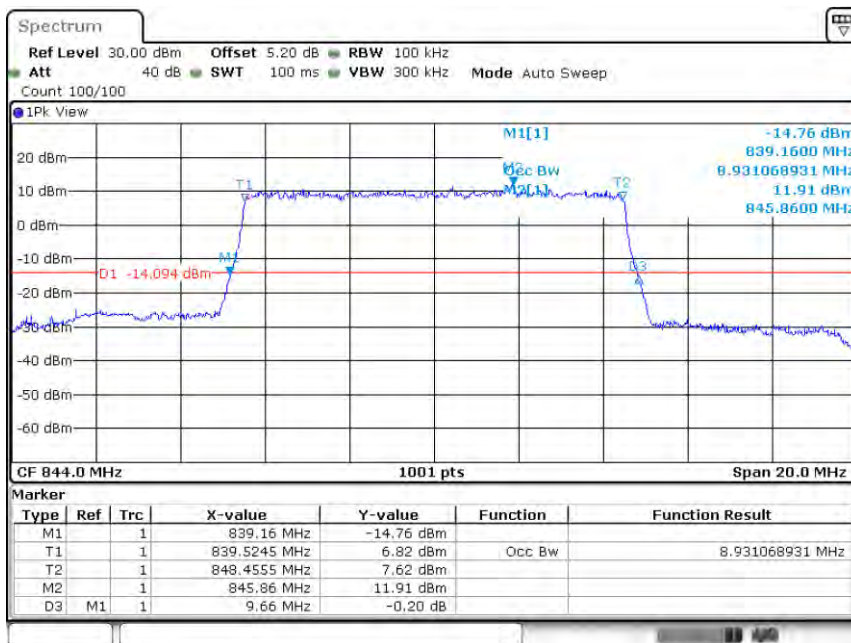


Band5-10MHz-256QAM-20525-50RB#0-8.931



Date: 8.MAY.2021 03:31:12

Band5-10MHz-256QAM-20600-50RB#0-8.931



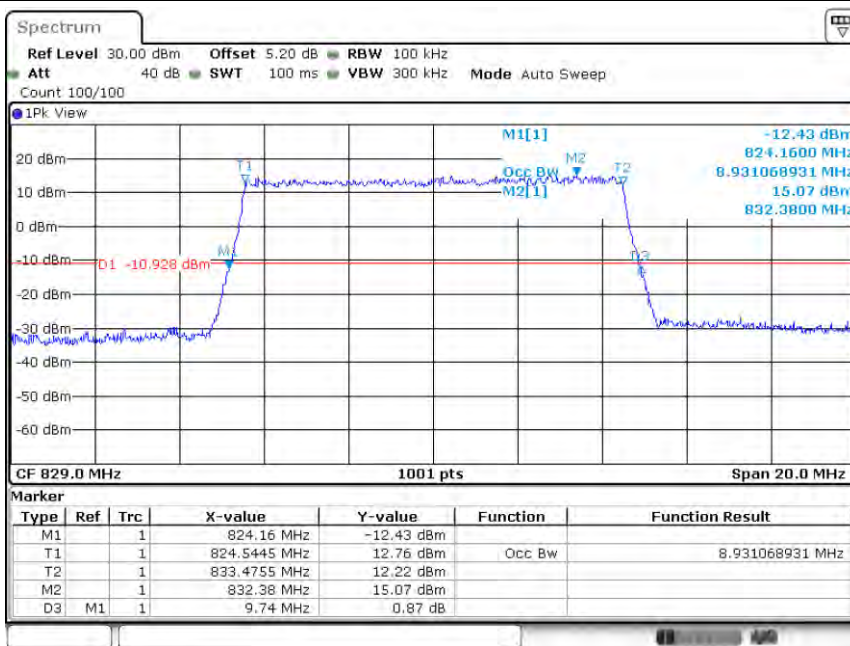
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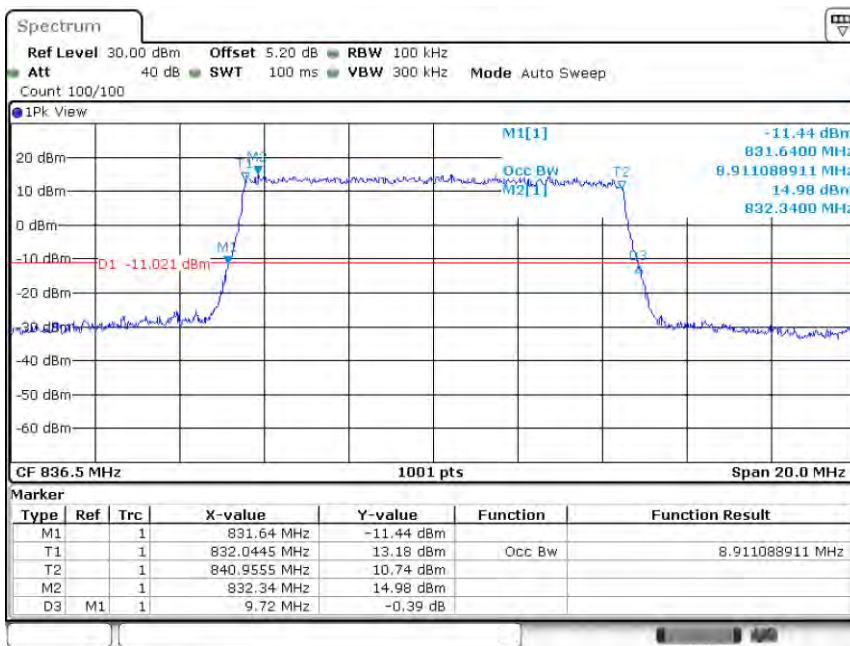


Band5-10MHz-16QAM-20450-50RB#0-8.931



Date: 20 APR 2021 06:40:15

Band5-10MHz-16QAM-20525-50RB#0-8.911

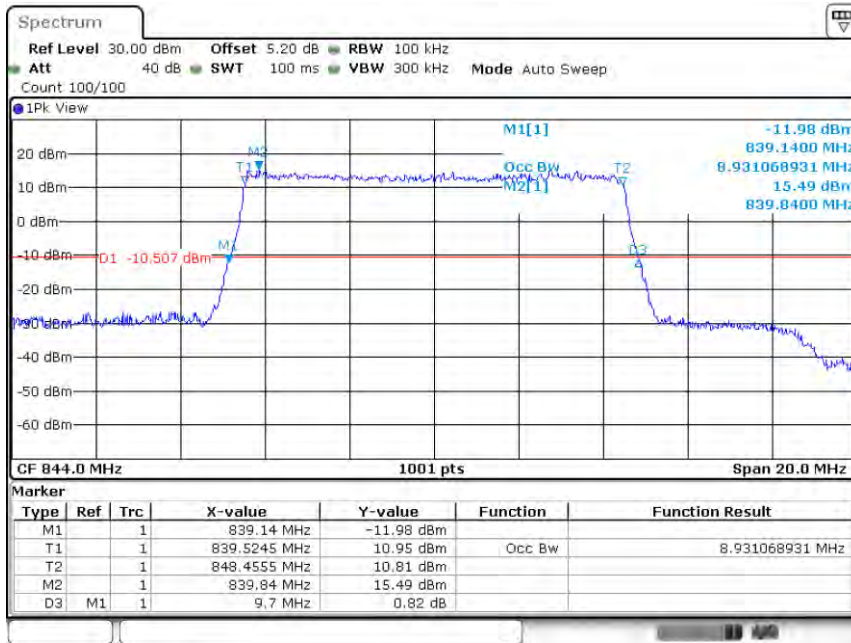


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Band5-10MHz-16QAM-20600-50RB#0-8.931



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5. Band Edge Compliance

5.1. Test Plots



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Band5-1.4MHz-QPSK-20407-6RB#0



Date: 20 APR 2021 06:42:41

Band5-1.4MHz-QPSK-20643-1RB#5



Date: 20 APR 2021 06:43:27



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Band5-1.4MHz-QPSK-20643-6RB#0



Date: 20 APR 2021 06:44:08

Band5-3MHz-QPSK-20415-1RB#0



Date: 20 APR 2021 06:44:54



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Band5-3MHz-QPSK-20415-15RB#0



Date: 20 APR 2021 06:45:35

Band5-3MHz-QPSK-20635-1RB#14



Date: 20 APR 2021 06:46:21



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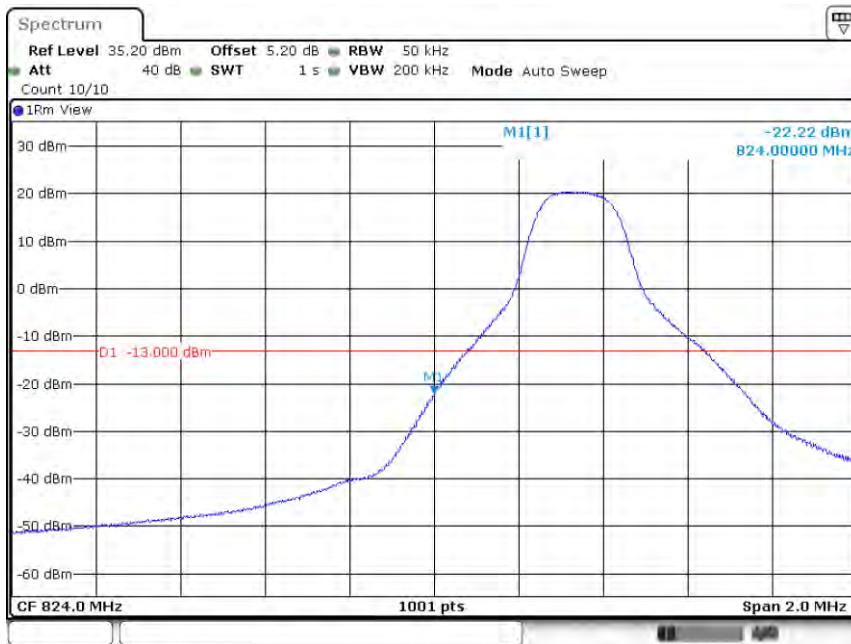
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Band5-3MHz-QPSK-20635-15RB#0



Date: 20 APR 2021 06:47:02

Band5-5MHz-QPSK-20425-1RB#0



Date: 20 APR 2021 06:47:48



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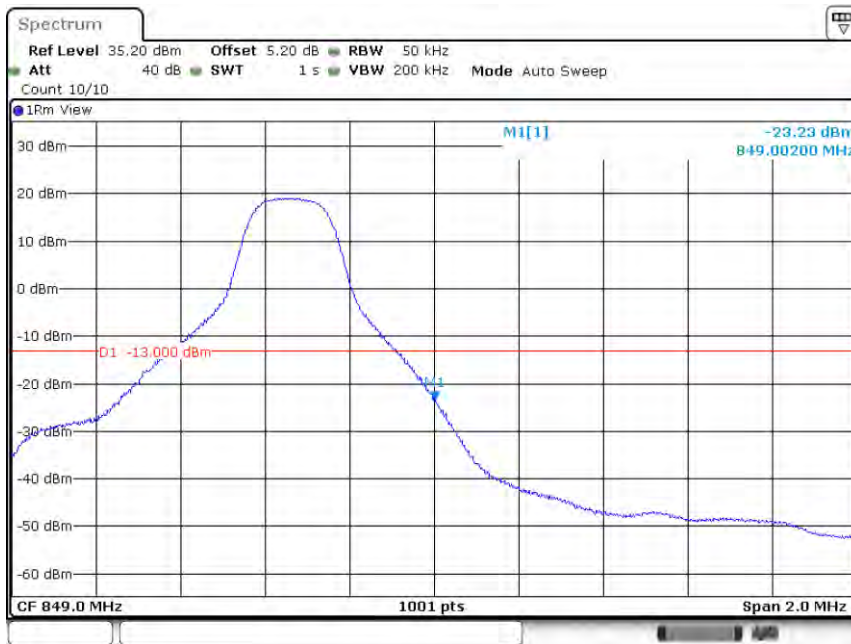
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Band5-5MHz-QPSK-20425-25RB#0



Date: 20 APR 2021 06:48:29

Band5-5MHz-QPSK-20625-1RB#24



Date: 20 APR 2021 06:49:14



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Band5-5MHz-QPSK-20625-25RB#0



Date: 20 APR 2021 06:49:55

Band5-10MHz-QPSK-20450-1RB#0

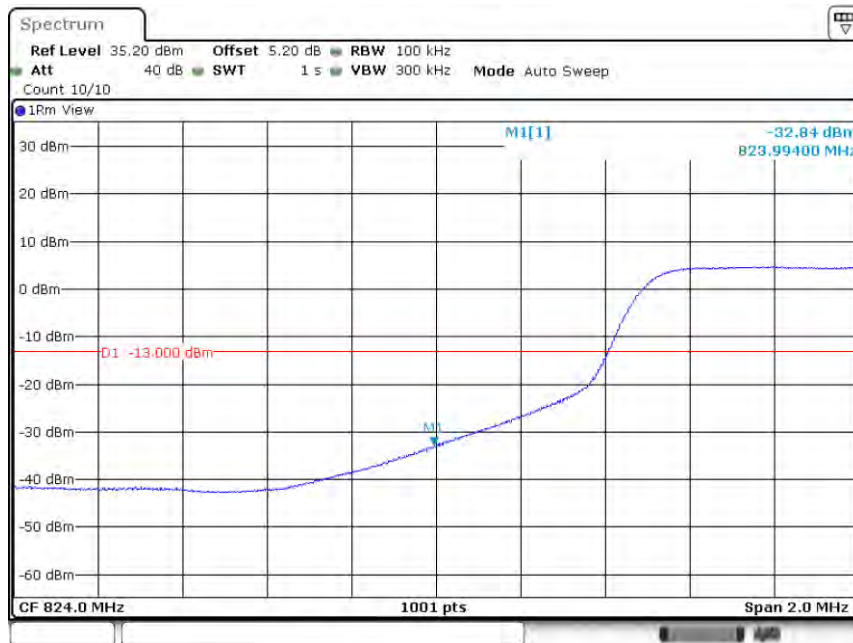


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Band5-10MHz-QPSK-20450-50RB#0



Date: 20 APR 2021 06:51:23

Band5-10MHz-QPSK-20600-1RB#49

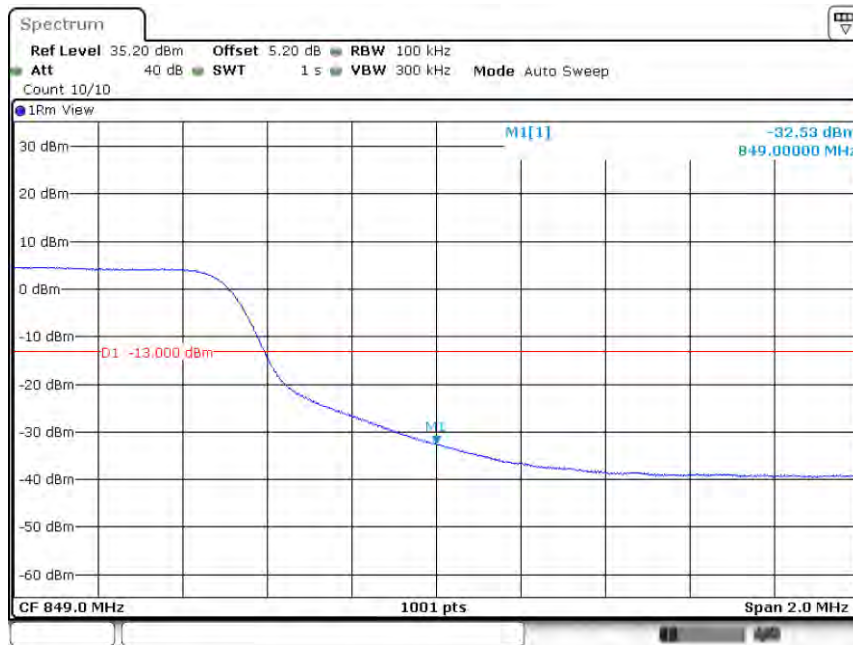


Date: 20 APR 2021 06:52:08



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Band5-10MHz-QPSK-20600-50RB#0



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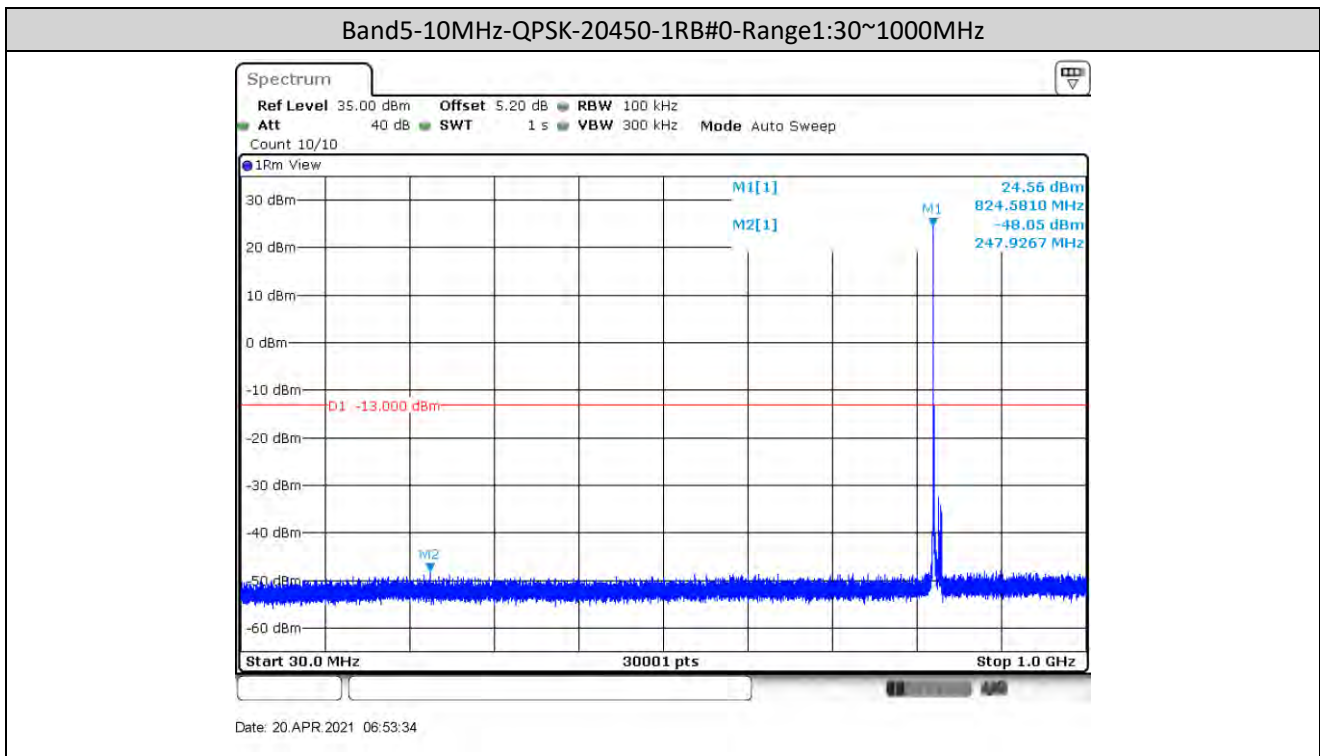
6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

Remark3: The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.

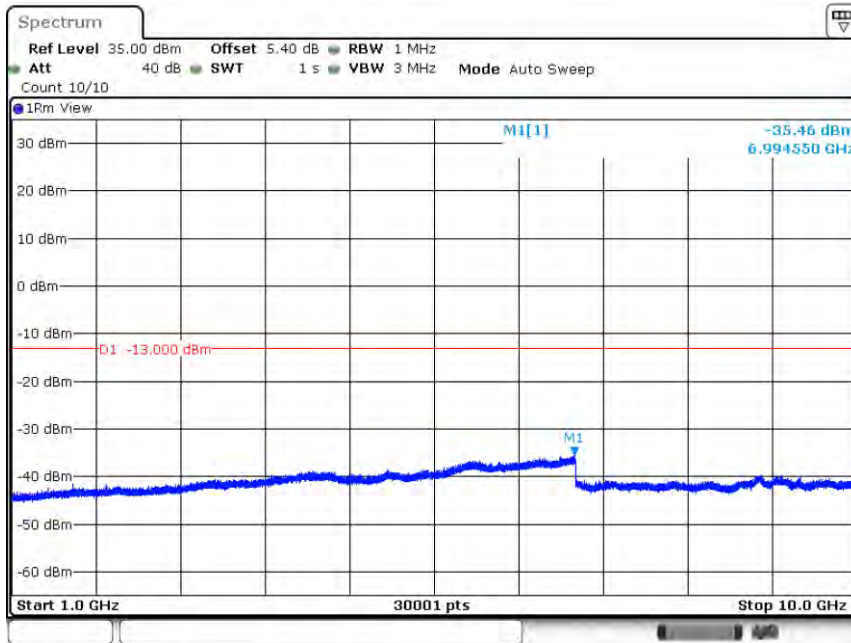
6.1. Test Plots



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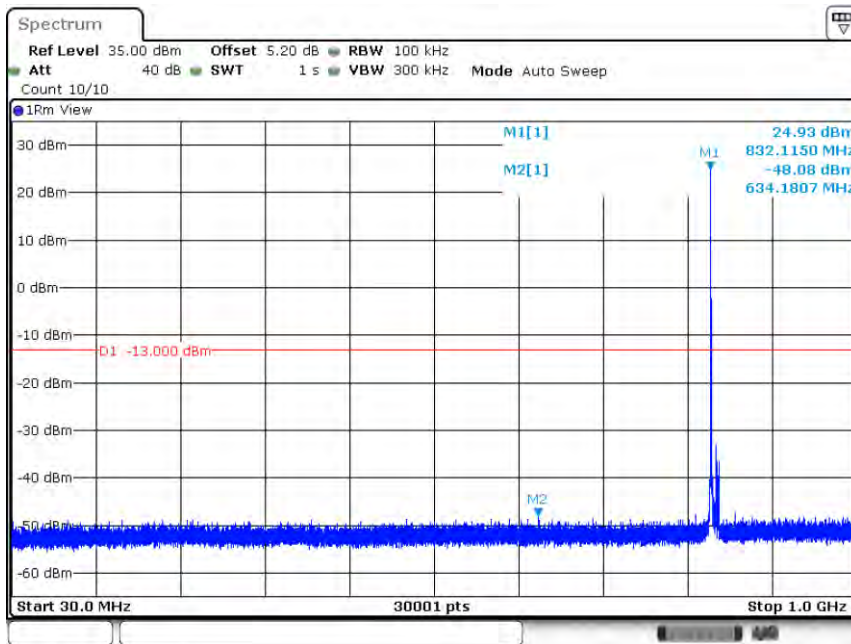
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Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz



Date: 20 APR 2021 06:53:49

Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



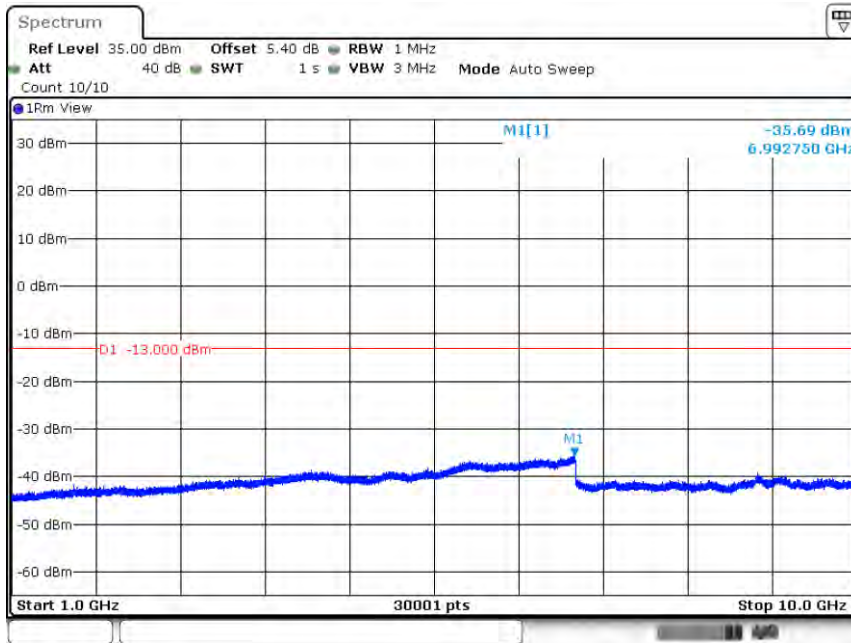
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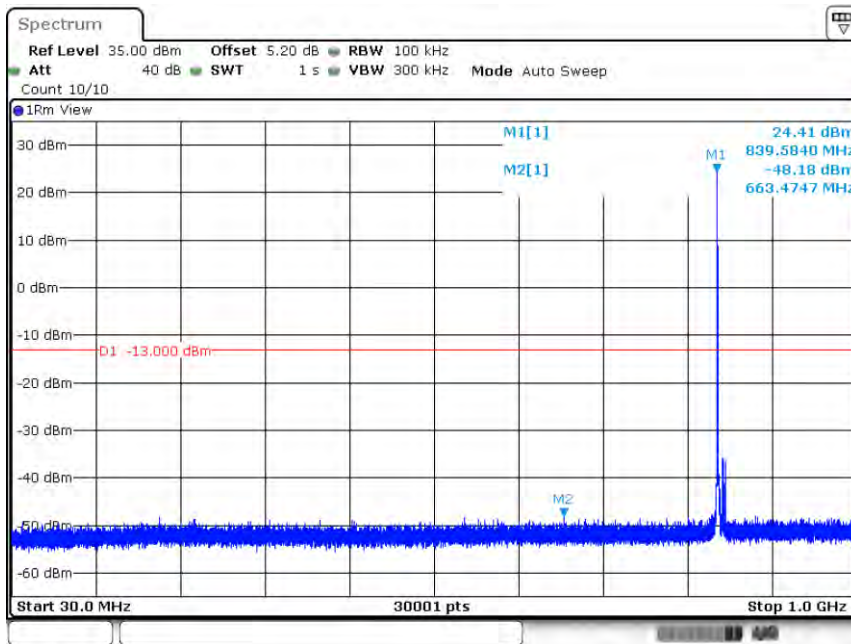
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Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



Date: 20 APR 2021 06:55:00

Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz

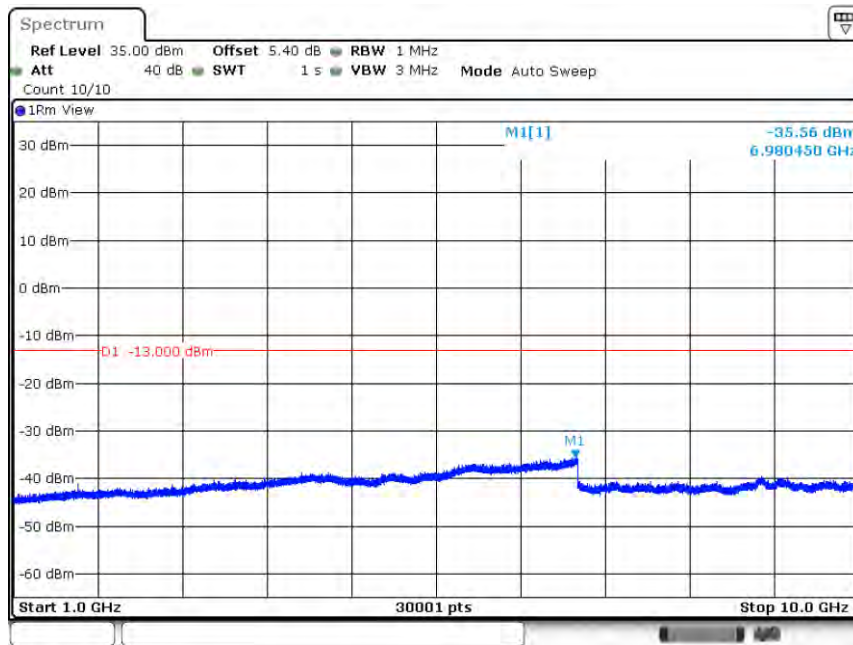


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Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~10000MHz



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7. Field Strength of Spurious Radiation

7.1. Test Band LTE_Band5_TM1 ANT0

7.1.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.0196	-69.37	-53.59	-13.00	40.59	Horizontal
2	223.8526	-74.29	-63.60	-13.00	50.60	Horizontal
3	1763.3382	-66.55	-55.30	-13.00	42.30	Horizontal
4	2700.0850	-67.01	-48.07	-13.00	35.07	Horizontal
5	5298.9149	-55.16	-53.57	-13.00	40.57	Horizontal
6	9323.4162	-58.36	-51.67	-13.00	38.67	Horizontal



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7.2. Test Band LTE_Band5_TM1 ANT0

7.2.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	114.8202	-74.95	-60.03	-13.00	47.03	Vertical
2	553.4717	-71.60	-57.38	-13.00	44.38	Vertical
3	1336.5168	-64.58	-55.14	-13.00	42.14	Vertical
4	2463.2732	-62.39	-47.57	-13.00	34.57	Vertical
5	5312.9156	-55.27	-54.37	-13.00	41.37	Vertical
6	9732.5866	-58.71	-50.79	-13.00	37.79	Vertical



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7.3. Test Band LTE_Band5_TM1 ANT0

7.3.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.0196	-67.99	-52.21	-13.00	39.21	Horizontal
2	231.1084	-75.32	-63.83	-13.00	50.83	Horizontal
3	553.7045	-72.75	-57.37	-13.00	44.37	Horizontal
4	2695.8848	-66.35	-47.57	-13.00	34.57	Horizontal
5	5299.9650	-55.48	-53.87	-13.00	40.87	Horizontal
6	9824.2912	-58.15	-51.66	-13.00	38.66	Horizontal



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7.4. Test Band LTE_Band5_TM1 ANT0

7.4.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.0584	-67.74	-64.46	-13.00	51.46	Vertical
2	108.2239	-75.03	-60.09	-13.00	47.09	Vertical
3	443.7021	-73.92	-61.39	-13.00	48.39	Vertical
4	1336.3168	-64.41	-54.97	-13.00	41.97	Vertical
5	2710.7855	-66.72	-49.29	-13.00	36.29	Vertical
6	5295.4148	-55.09	-54.10	-13.00	41.10	Vertical
7	9271.2636	-58.59	-51.63	-13.00	38.63	Vertical



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7.5. Test Band LTE_Band5_TM1 ANT0

7.5.1. Test Channel High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.2136	-68.86	-53.07	-13.00	40.07	Horizontal
2	231.8069	-74.70	-63.19	-13.00	50.19	Horizontal
3	550.7944	-72.49	-57.34	-13.00	44.34	Horizontal
4	1599.8300	-67.52	-56.23	-13.00	43.23	Horizontal
5	2699.4850	-66.89	-47.97	-13.00	34.97	Horizontal
6	5316.4158	-55.00	-53.64	-13.00	40.64	Horizontal



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7.6. Test Band LTE_Band5_TM1 ANT0

7.6.1. Test Channel High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	111.6773	-75.16	-59.98	-13.00	46.98	Vertical
2	562.7065	-73.39	-58.49	-13.00	45.49	Vertical
3	1336.5168	-65.56	-56.12	-13.00	43.12	Vertical
4	2300.0650	-67.15	-51.28	-13.00	38.28	Vertical
5	5241.1621	-55.05	-55.15	-13.00	42.15	Vertical
6	9767.2384	-58.69	-50.92	-13.00	37.92	Vertical



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7.7. Test Band LTE_Band5 _TM1 ANT1

7.7.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.7868	-69.41	-53.65	-13.00	40.65	Horizontal
2	232.6217	-74.52	-62.99	-13.00	49.99	Horizontal
3	1336.5168	-63.70	-54.79	-13.00	41.79	Horizontal
4	2710.5855	-66.61	-48.12	-13.00	35.12	Horizontal
5	5300.3150	-57.34	-55.73	-13.00	42.73	Horizontal
6	9732.9366	-60.59	-53.61	-13.00	40.61	Horizontal



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7.8. Test Band LTE_Band5_TM1 ANT1

7.8.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	108.0687	-75.34	-60.43	-13.00	47.43	Vertical
2	612.0621	-73.30	-57.14	-13.00	44.14	Vertical
3	1336.5168	-63.84	-54.40	-13.00	41.40	Vertical
4	2405.8703	-53.05	-38.83	-13.00	25.83	Vertical
5	5313.6157	-57.42	-56.53	-13.00	43.53	Vertical
6	9542.5271	-59.14	-52.86	-13.00	39.86	Vertical



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7.9. Test Band LTE_Band5_TM1 ANT1

7.9.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.7868	-69.30	-53.54	-13.00	40.54	Horizontal
2	557.3131	-72.46	-56.80	-13.00	43.80	Horizontal
3	1336.5168	-63.29	-54.38	-13.00	41.38	Horizontal
4	2705.2853	-66.74	-48.03	-13.00	35.03	Horizontal
5	5298.9149	-57.54	-55.95	-13.00	42.95	Horizontal
6	9358.0679	-59.94	-53.30	-13.00	40.30	Horizontal



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7.10. Test Band LTE_Band5_TM1 ANT1

7.10.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.7480	-68.82	-65.81	-13.00	52.81	Vertical
2	108.2239	-75.47	-60.53	-13.00	47.53	Vertical
3	551.1048	-73.22	-59.24	-13.00	46.24	Vertical
4	1336.5168	-63.87	-54.43	-13.00	41.43	Vertical
5	2706.3853	-66.60	-49.08	-13.00	36.08	Vertical
6	9355.9678	-60.30	-53.50	-13.00	40.50	Vertical



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7.11. Test Band LTE_Band5_TM1 ANT1

7.11.1. Test Channel High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.6316	-69.49	-53.74	-13.00	40.74	Horizontal
2	549.1648	-73.38	-58.31	-13.00	45.31	Horizontal
3	1336.4168	-62.70	-53.79	-13.00	40.79	Horizontal
4	2705.8853	-66.31	-47.62	-13.00	34.62	Horizontal
5	5265.6633	-56.34	-55.47	-13.00	42.47	Horizontal
6	9616.3808	-59.96	-53.36	-13.00	40.36	Horizontal



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7.12. Test Band LTE_Band5_TM1 ANT1

7.12.1. Test Channel High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	107.9135	-74.84	-59.96	-13.00	46.96	Vertical
2	476.6059	-73.41	-60.32	-13.00	47.32	Vertical
3	1336.6168	-62.67	-53.23	-13.00	40.23	Vertical
4	2700.4850	-66.57	-48.90	-13.00	35.90	Vertical
5	5294.7147	-57.00	-56.02	-13.00	43.02	Vertical
6	9693.3847	-60.00	-52.24	-13.00	39.24	Vertical

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	0.80	0.000965	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-0.50	-0.000603	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	0.20	0.000241	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-1.80	-0.002152	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	0.10	0.000120	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-1.90	-0.002271	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-0.40	-0.000474	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-0.90	-0.001066	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	0.70	0.000829	±2.5	PASS

8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	0.00	0.000000	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-1.20	-0.001448	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-10	0.90	0.001086	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	0.20	0.000241	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	0.50	0.000603	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	0.00	0.000000	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-0.50	-0.000603	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	0.70	0.000844	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-0.40	-0.000483	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	2.00	0.002391	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	1.20	0.001435	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	2.40	0.002869	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	1.30	0.001554	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	0.60	0.000717	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	0.10	0.000120	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	0.10	0.000120	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	2.00	0.002391	±2.5	PASS



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Band5	10MHz	QPSK	20525	50RB#0	NV	50	-0.70	-0.000837	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-1.20	-0.001422	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	0.10	0.000118	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	-1.00	-0.001185	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	0.00	0.000000	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	0.10	0.000118	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-0.50	-0.000592	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	0.40	0.000474	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-0.90	-0.001066	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-3.00	-0.003555	±2.5	PASS



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