



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).....	18
2.1.	TEST RESULT.....	18
2.2.	TEST PLOTS	18
3.	MODULATION CHARACTERISTICS.....	23
3.1.	TEST MODE = LTE /TM1 10MHZ.....	23
3.1.1.	TEST CHANNEL = MCH	23
3.2.	TEST MODE = LTE /TM2 10MHZ.....	24
3.2.1.	TEST CHANNEL = MCH	24
3.3.	TEST MODE = LTE /TM3 10MHZ.....	25
3.3.1.	TEST CHANNEL = MCH	25
4.	26DB BANDWIDTH AND OCCUPIED BANDWIDTH	26
4.1.	TEST RESULT.....	26
4.2.	TEST PLOTS	27
5.	BAND EDGE COMPLIANCE	46
5.1.	TEST PLOTS	46
6.	SPURIOUS EMISSION AT ANTENNA TERMINAL	71
6.1.	TEST PLOTS	71
7.	FIELD STRENGTH OF SPURIOUS RADIATION	81
7.1.	Test Band = LTE_5_TM1 CONFIG 0.....	81
7.1.1.	Test Channel = Low Channel	81
7.2.	Test Band = LTE_5_TM1 CONFIG 0.....	82
7.2.1.	Test Channel = Low Channel	82
7.3.	Test Band = LTE_5_TM1 CONFIG 0.....	83
7.3.1.	Test Channel = Mid Channel	83
7.4.	Test Band = LTE_5_TM1 CONFIG 0.....	84
7.4.1.	Test Channel = Mid Channel	84
7.5.	Test Band = LTE_5_TM1 CONFIG 0.....	85
7.5.1.	Test Channel = High Channel	85



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7.6.	Test Band = LTE_5_TM1 CONFIG 0.....	86
7.6.1.	Test Channel = High Channel	86
7.7.	Test Band = LTE_5_TM1 CONFIG 1.....	87
7.7.1.	Test Channel = Low Channel	87
7.8.	Test Band = LTE_5_TM1 CONFIG 1.....	88
7.8.1.	Test Channel = Low Channel	88
7.9.	Test Band = LTE_5_TM1 CONFIG 1.....	89
7.9.1.	Test Channel = Mid Channel	89
7.10.	Test Band = LTE_5_TM1 CONFIG 1	90
7.10.1.	Test Channel = Mid Channel	90
7.11.	Test Band = LTE_5_TM1 CONFIG 1	91
7.11.1.	Test Channel = High Channel	91
7.12.	Test Band = LTE_5_TM1 CONFIG 1	92
7.12.1.	Test Channel = High Channel	92
8.	FREQUENCY STABILITY.....	93
8.1.	FREQUENCY Vs VOLTAGE	93
8.2.	FREQUENCY Vs TEMPERATURE	94



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

CONFIG 0:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.02	14.47	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.18	14.63	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.07	14.52	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.15	14.60	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.21	14.66	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.16	14.61	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.11	13.56	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.10	14.55	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.05	14.50	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.10	14.55	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.15	14.60	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.08	14.53	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.21	14.66	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.12	13.57	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.24	14.69	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.17	14.62	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.06	14.51	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.28	14.73	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.15	14.60	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.23	14.68	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.27	13.72	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.61	14.06	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.33	13.78	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.06	13.51	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.12	13.57	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.19	13.64	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.05	13.50	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.22	12.67	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.56	14.01	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.69	14.14	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.19	13.64	38.45	PASS



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Band5	1.4MHz	16QAM	20525	3RB#0	22.20	13.65	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.12	13.57	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.17	13.62	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.21	12.66	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.27	13.72	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.53	13.98	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.36	13.81	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.29	13.74	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.29	13.74	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.94	13.39	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.18	12.63	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	21.57	13.02	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	21.33	12.78	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	21.06	12.51	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	21.11	12.56	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	21.14	12.59	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	21.02	12.47	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	20.17	11.62	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	21.54	12.99	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	21.66	13.11	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	21.16	12.61	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	21.19	12.64	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	21.07	12.52	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	21.16	12.61	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.20	11.65	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.24	12.69	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	21.51	12.96	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.36	12.81	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	21.26	12.71	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	21.26	12.71	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	20.91	12.36	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.18	11.63	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.17	14.62	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.23	14.68	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.08	14.53	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.26	13.71	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.17	13.62	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.14	13.59	38.45	PASS



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Band5	3MHz	QPSK	20415	15RB#0	22.17	13.62	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.44	14.89	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.42	14.87	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.34	14.79	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.31	13.76	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.34	13.79	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.26	13.71	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.35	13.80	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.12	14.57	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.32	14.77	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.14	14.59	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.28	13.73	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.32	13.77	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.25	13.70	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.35	13.80	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.26	13.71	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.56	14.01	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.12	13.57	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.39	12.84	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.32	12.77	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.35	12.80	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.41	12.86	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.20	13.65	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.49	13.94	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.53	13.98	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.40	12.85	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.40	12.85	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.40	12.85	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.23	12.68	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.27	13.72	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.63	14.08	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.47	13.92	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.32	12.77	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.30	12.75	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.21	12.66	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.21	12.66	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	21.22	12.67	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	21.51	12.96	38.45	PASS



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Band5	3MHz	64QAM	20415	1RB#14	21.11	12.56	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	20.39	11.84	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	20.30	11.75	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	20.34	11.79	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	20.36	11.81	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	21.18	12.63	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	21.46	12.91	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	21.49	12.94	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	20.39	11.84	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	20.35	11.80	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	20.38	11.83	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	20.18	11.63	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	21.27	12.72	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	21.60	13.05	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	21.46	12.91	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	20.30	11.75	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	20.25	11.70	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	20.16	11.61	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.16	11.61	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.07	14.52	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.99	14.44	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.17	14.62	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.26	13.71	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.29	13.74	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.24	13.69	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.26	13.71	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.12	14.57	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.21	14.66	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.23	14.68	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.27	13.72	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.18	13.63	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.20	13.65	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.30	13.75	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.25	14.70	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.35	14.80	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.10	14.55	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.38	13.83	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	23.04	14.49	38.45	PASS



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Band5	5MHz	QPSK	20625	12RB#13	22.30	13.75	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.19	13.64	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.30	13.75	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.61	14.06	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.67	14.12	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.28	12.73	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.34	12.79	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.28	12.73	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.26	12.71	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.30	13.75	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.54	13.99	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.18	13.63	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.29	12.74	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.28	12.73	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.29	12.74	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.33	12.78	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.59	14.04	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.34	13.79	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.44	13.89	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.42	12.87	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.36	12.81	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.34	12.79	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.34	12.79	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	21.26	12.71	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	21.55	13.00	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	21.11	12.56	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	20.35	11.80	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	20.29	11.74	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	20.30	11.75	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	20.37	11.82	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	21.20	12.65	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	21.49	12.94	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	21.51	12.96	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	20.37	11.82	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	20.39	11.84	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	20.37	11.82	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.23	11.68	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	21.24	12.69	38.45	PASS





Band5	5MHz	64QAM	20625	1RB#12	21.63	13.08	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	21.45	12.90	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	20.30	11.75	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	20.25	11.70	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	20.17	11.62	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.21	11.66	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.32	14.77	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.22	14.67	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.12	14.57	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.28	13.73	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.24	13.69	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.18	13.63	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.27	13.72	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.27	14.72	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.28	14.73	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.12	14.57	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.25	13.70	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.43	13.88	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.26	13.71	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.20	13.65	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.33	14.78	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.17	14.62	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.45	14.90	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.36	13.81	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.30	13.75	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.40	13.85	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.29	13.74	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.35	13.80	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.48	13.93	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.39	13.84	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.19	12.64	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.35	12.80	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.23	12.68	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.28	12.73	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.63	14.08	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.65	14.10	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.68	14.13	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.44	12.89	38.45	PASS



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Band5	10MHz	16QAM	20525	25RB#12	21.41	12.86	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.26	12.71	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.34	12.79	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.22	13.67	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.65	14.10	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.31	13.76	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.38	12.83	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.37	12.82	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.31	12.76	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.30	12.75	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	21.21	12.66	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	21.54	12.99	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.10	12.55	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	20.36	11.81	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	20.31	11.76	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	20.33	11.78	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	20.41	11.86	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	21.17	12.62	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	21.46	12.91	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.50	12.95	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	20.36	11.81	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	20.37	11.82	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	20.37	11.82	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.18	11.63	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	21.25	12.70	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	21.58	13.03	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	21.44	12.89	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	20.28	11.73	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	20.26	11.71	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	20.20	11.65	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.16	11.61	38.45	PASS



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CONFIG 1:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	24.04	17.19	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.18	17.33	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.96	17.11	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	24.12	17.27	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	24.07	17.22	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	24.04	17.19	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.11	16.26	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	24.14	17.29	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	24.08	17.23	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	24.01	17.16	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	24.11	17.26	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	24.12	17.27	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	24.09	17.24	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.12	16.27	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	24.01	17.16	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	24.18	17.33	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	24.11	17.26	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	24.21	17.36	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	24.15	17.30	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	24.26	17.41	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	23.17	16.32	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.18	16.33	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.99	16.14	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.53	16.68	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	23.11	16.26	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	23.12	16.27	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	23.16	16.31	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.19	15.34	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.99	16.14	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.58	16.73	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.27	16.42	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	23.13	16.28	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.98	16.13	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	23.09	16.24	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.13	15.28	38.45	PASS



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Band5	1.4MHz	16QAM	20643	1RB#0	23.13	16.28	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.21	16.36	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.37	16.52	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	23.00	16.15	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	23.12	16.27	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	23.10	16.25	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.17	15.32	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	22.05	15.20	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	22.59	15.74	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	22.55	15.70	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	22.03	15.18	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	22.57	15.72	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	22.53	15.68	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	21.29	14.44	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	22.53	15.68	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	22.57	15.72	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	22.32	15.47	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	22.51	15.66	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	22.59	15.74	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	22.30	15.45	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	21.31	14.46	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	22.77	15.92	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	22.57	15.72	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	22.23	15.38	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	22.77	15.92	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	22.57	15.72	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	22.28	15.43	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	21.21	14.36	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.09	17.24	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	24.21	17.36	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.91	17.06	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.14	16.29	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.18	16.33	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.12	16.27	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.15	16.30	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.98	17.13	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	24.15	17.30	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	24.16	17.31	38.45	PASS



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Band5	3MHz	QPSK	20525	8RB#0	23.16	16.31	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	23.13	16.28	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	23.16	16.31	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.20	16.35	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	24.17	17.32	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	24.21	17.36	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	24.09	17.24	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	23.32	16.47	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	23.23	16.38	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	23.12	16.27	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	23.22	16.37	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.19	16.34	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.37	16.52	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.22	16.37	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.24	15.39	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.28	15.43	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.18	15.33	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.15	15.30	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.19	16.34	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.49	16.64	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.28	16.43	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.21	15.36	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.33	15.48	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.15	15.30	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.19	15.34	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.32	16.47	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.38	16.53	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.18	16.33	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.34	15.49	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.30	15.45	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.30	15.45	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.47	15.62	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	22.04	15.19	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	22.56	15.71	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	22.52	15.67	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	21.28	14.43	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	21.22	14.37	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	21.15	14.30	38.45	PASS



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Band5	3MHz	64QAM	20415	15RB#0	21.29	14.44	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	22.56	15.71	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	22.57	15.72	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	22.31	15.46	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	21.20	14.35	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	21.22	14.37	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	21.08	14.23	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	21.35	14.50	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	22.76	15.91	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	22.62	15.77	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	22.24	15.39	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	21.25	14.40	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	21.18	14.33	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	21.31	14.46	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	21.24	14.39	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	24.13	17.28	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	24.12	17.27	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.92	17.07	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	23.13	16.28	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.23	16.38	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	23.13	16.28	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.17	16.32	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	24.18	17.33	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	24.27	17.42	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	24.22	17.37	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	23.18	16.33	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	23.22	16.37	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	23.10	16.25	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.21	16.36	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	24.18	17.33	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	24.27	17.42	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	24.14	17.29	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	23.17	16.32	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	23.29	16.44	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	23.31	16.46	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	23.28	16.43	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.58	16.73	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	23.31	16.46	38.45	PASS



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Band5	5MHz	16QAM	20425	1RB#24	23.01	16.16	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.28	15.43	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	22.28	15.43	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	22.22	15.37	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.31	15.46	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.31	16.46	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.70	16.85	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.31	16.46	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.27	15.42	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.30	15.45	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.20	15.35	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.14	15.29	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.57	16.72	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.08	16.23	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.19	16.34	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	22.30	15.45	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.30	15.45	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	22.20	15.35	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.28	15.43	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	22.04	15.19	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	22.56	15.71	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	22.52	15.67	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	21.25	14.40	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	21.19	14.34	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	21.16	14.31	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	21.26	14.41	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	22.51	15.66	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	22.57	15.72	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	22.32	15.47	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	21.20	14.35	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	21.23	14.38	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	21.10	14.25	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	21.30	14.45	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	22.75	15.90	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	22.59	15.74	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	22.25	15.40	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	21.28	14.43	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	21.17	14.32	38.45	PASS



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Band5	5MHz	64QAM	20625	12RB#13	21.29	14.44	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	21.23	14.38	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	24.24	17.39	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	24.24	17.39	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	24.15	17.30	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.14	16.29	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	23.14	16.29	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.10	16.25	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.19	16.34	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	24.25	17.40	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	24.12	17.27	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	24.15	17.30	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.31	16.46	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.27	16.42	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.22	16.37	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.24	16.39	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	24.22	17.37	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	24.26	17.41	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	24.21	17.36	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.26	16.41	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	23.26	16.41	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.34	16.49	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	23.19	16.34	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	23.05	16.20	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.60	16.75	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.56	16.71	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	22.28	15.43	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	22.23	15.38	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	22.19	15.34	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.30	15.45	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.56	16.71	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.61	16.76	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.35	16.50	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.25	15.40	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.26	15.41	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.13	15.28	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.35	15.50	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.77	16.92	38.45	PASS



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Band5	10MHz	16QAM	20600	1RB#24	23.62	16.77	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.28	16.43	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.30	15.45	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.19	15.34	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.32	15.47	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.25	15.40	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	22.03	15.18	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	22.58	15.73	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	22.54	15.69	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	21.28	14.43	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	21.21	14.36	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	21.15	14.30	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	21.28	14.43	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	22.55	15.70	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	22.56	15.71	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	22.34	15.49	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	21.25	14.40	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	21.21	14.36	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	21.12	14.27	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	21.34	14.49	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	22.75	15.90	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	22.62	15.77	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	22.24	15.39	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	21.25	14.40	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	21.14	14.29	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	21.32	14.47	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	21.24	14.39	38.45	PASS

Remark:

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

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

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



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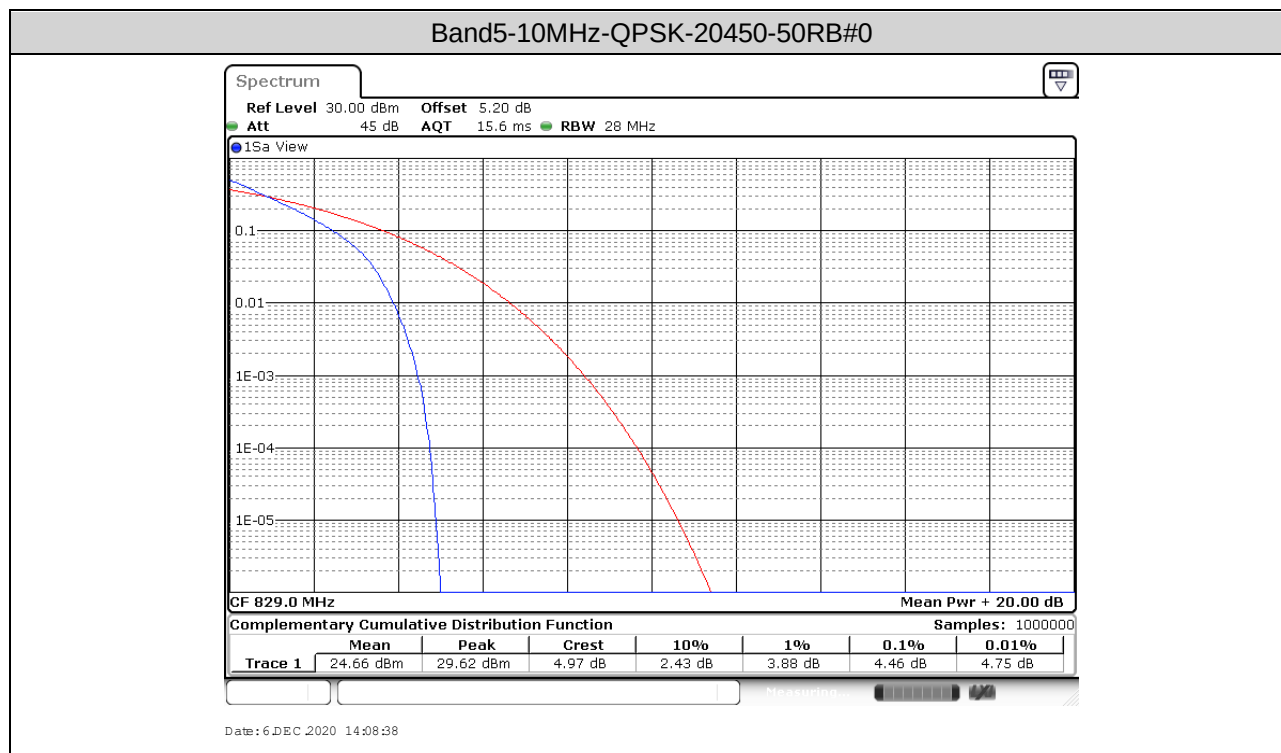


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth h	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	4.46	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	4.43	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.17	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.51	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.54	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.22	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	6.26	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.26	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	6.00	13	PASS

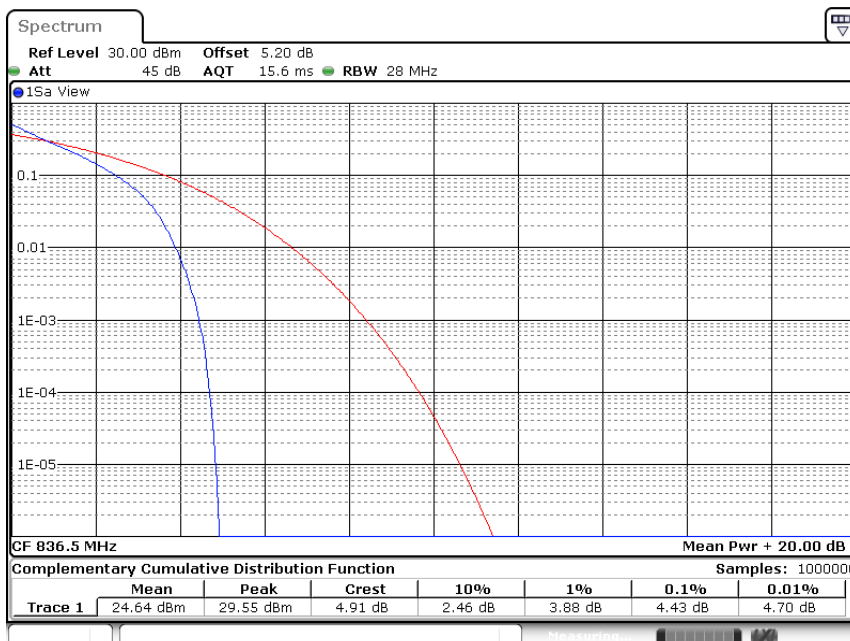
2.2. Test Plots



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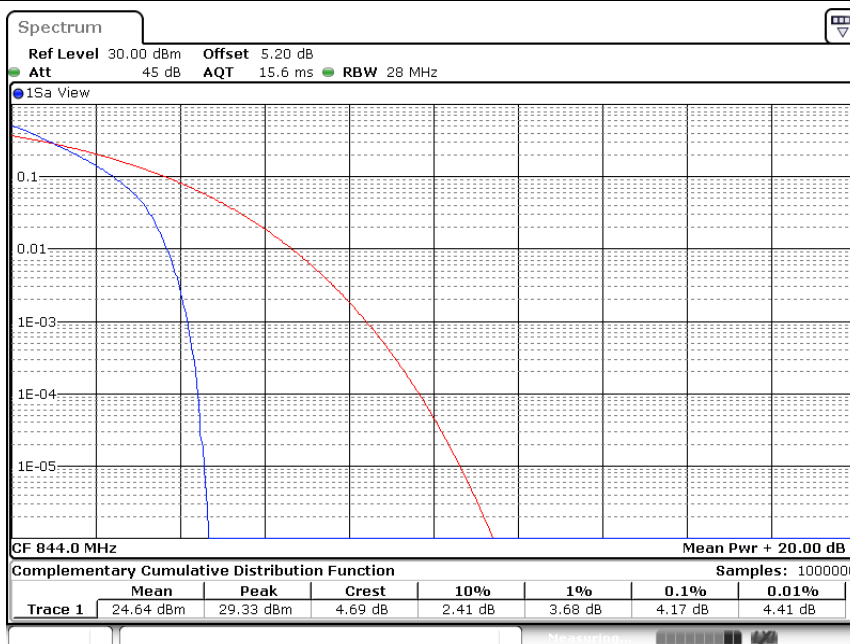
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Band5-10MHz-QPSK-20525-50RB#0



Date: 6 DEC 2020 14:09:11

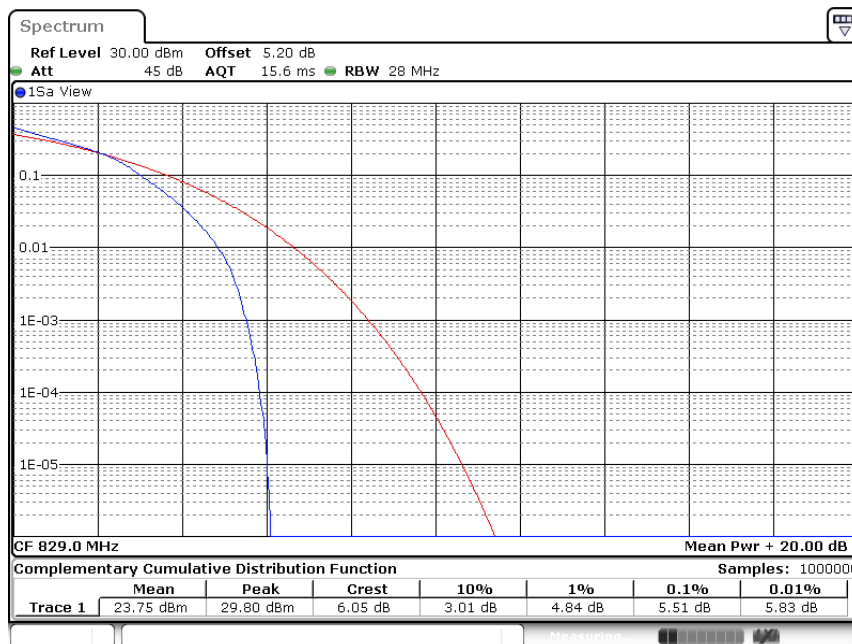
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Date: 6 DEC 2020 14:09:43



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



Date: 6 DEC 2020 14:08:54

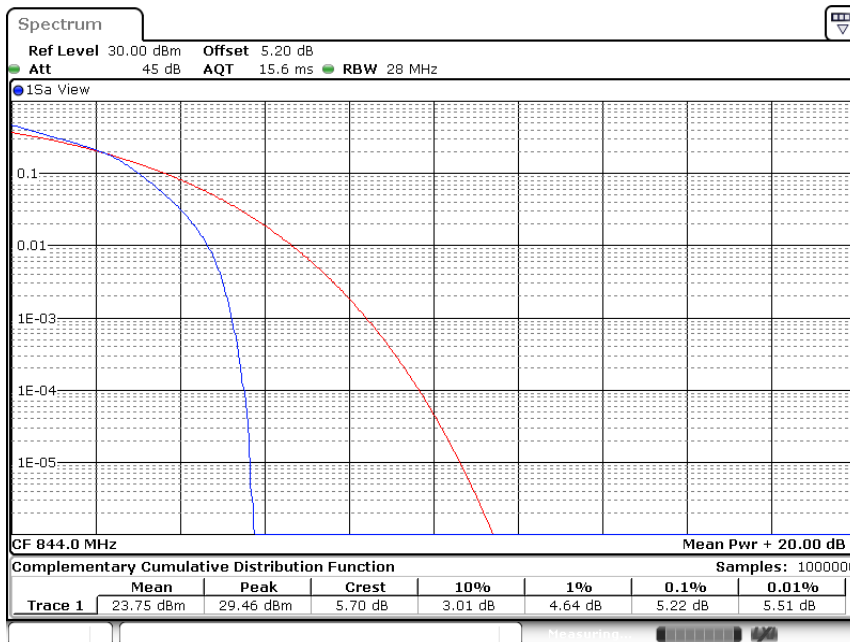
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Date: 6 DEC 2020 14:09:27

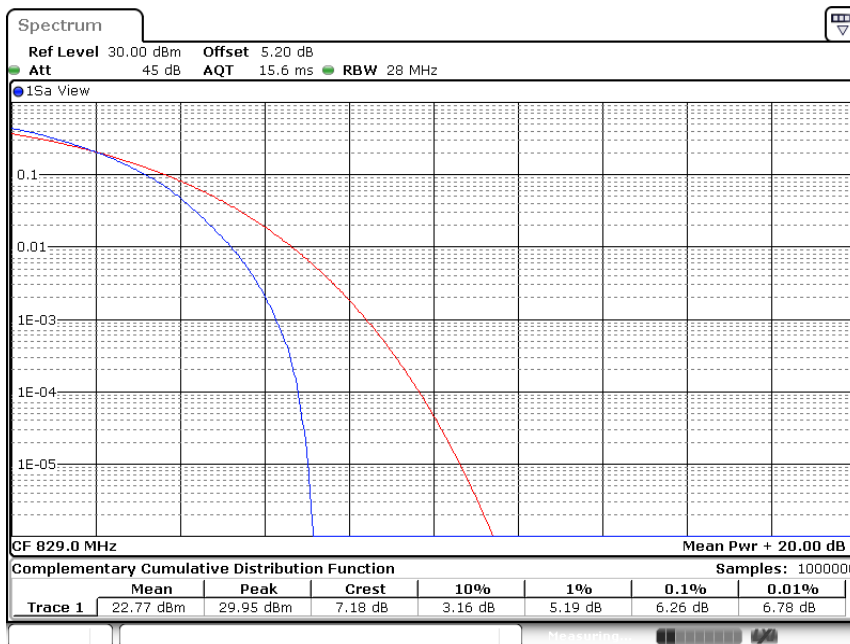


Band5-10MHz-16QAM-20600-50RB#0



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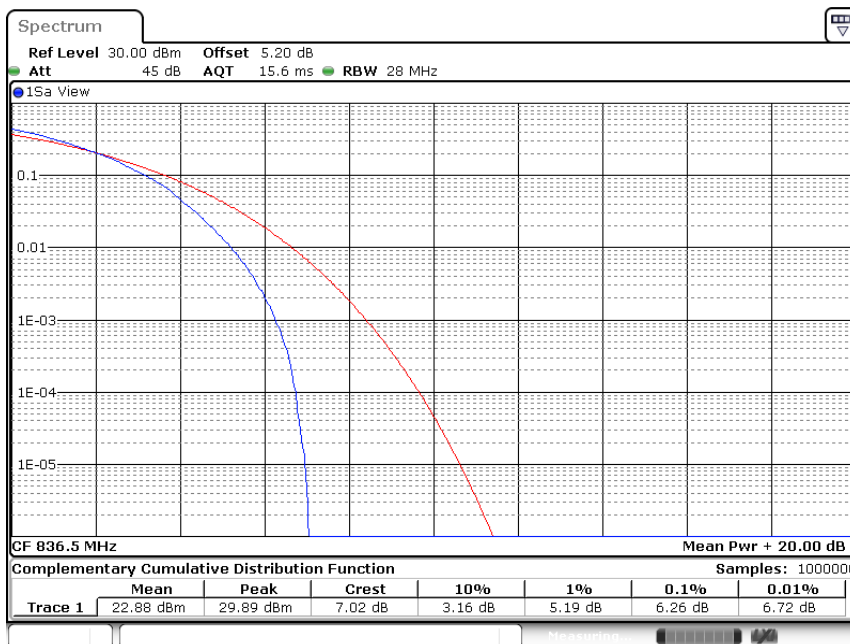
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Date: 6 DEC 2020 14:31:14

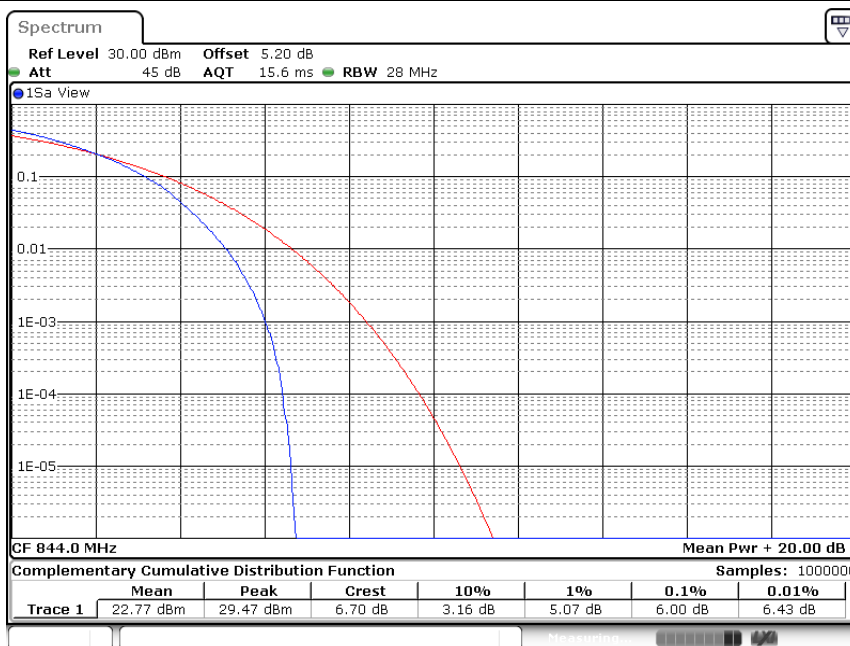


Band5-10MHz-64QAM-20525-50RB#0



Date: 6 DEC 2020 14:31:31

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



Date: 6 DEC 2020 14:31:47

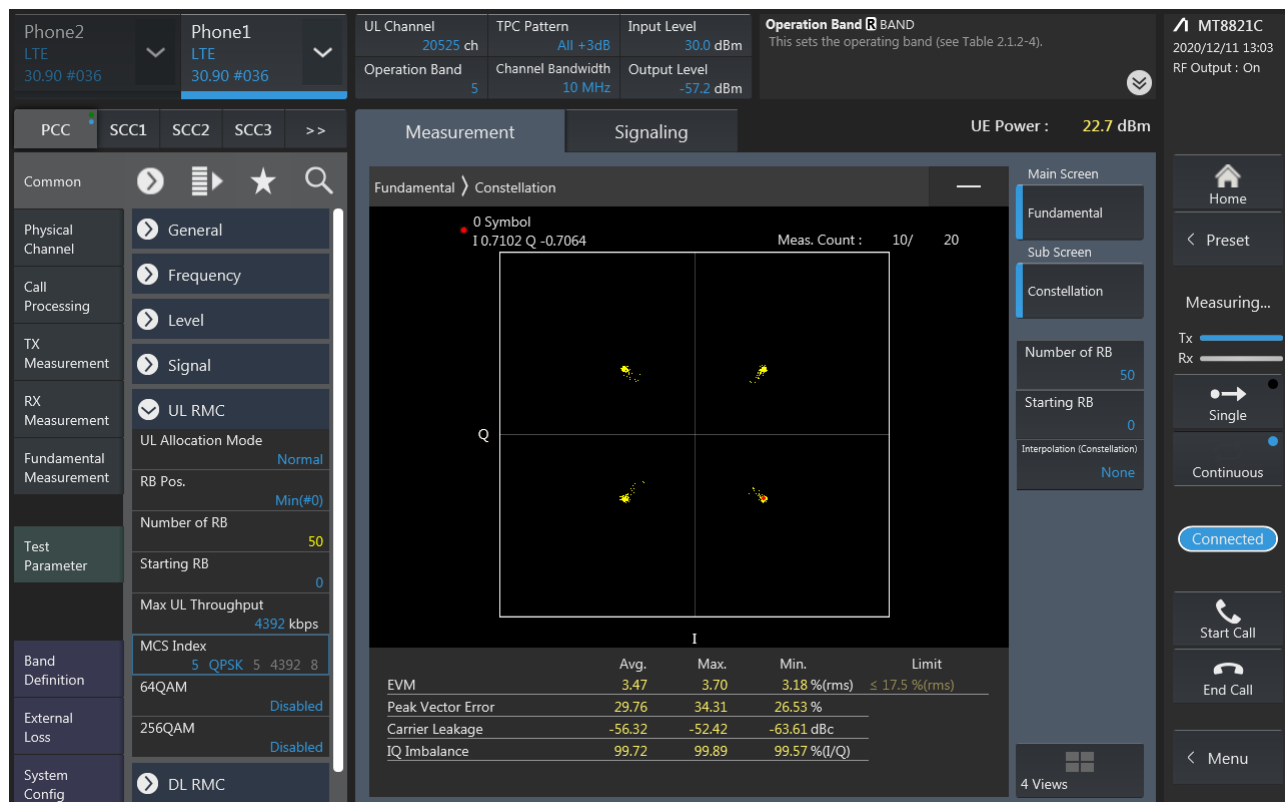




3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 10MHz

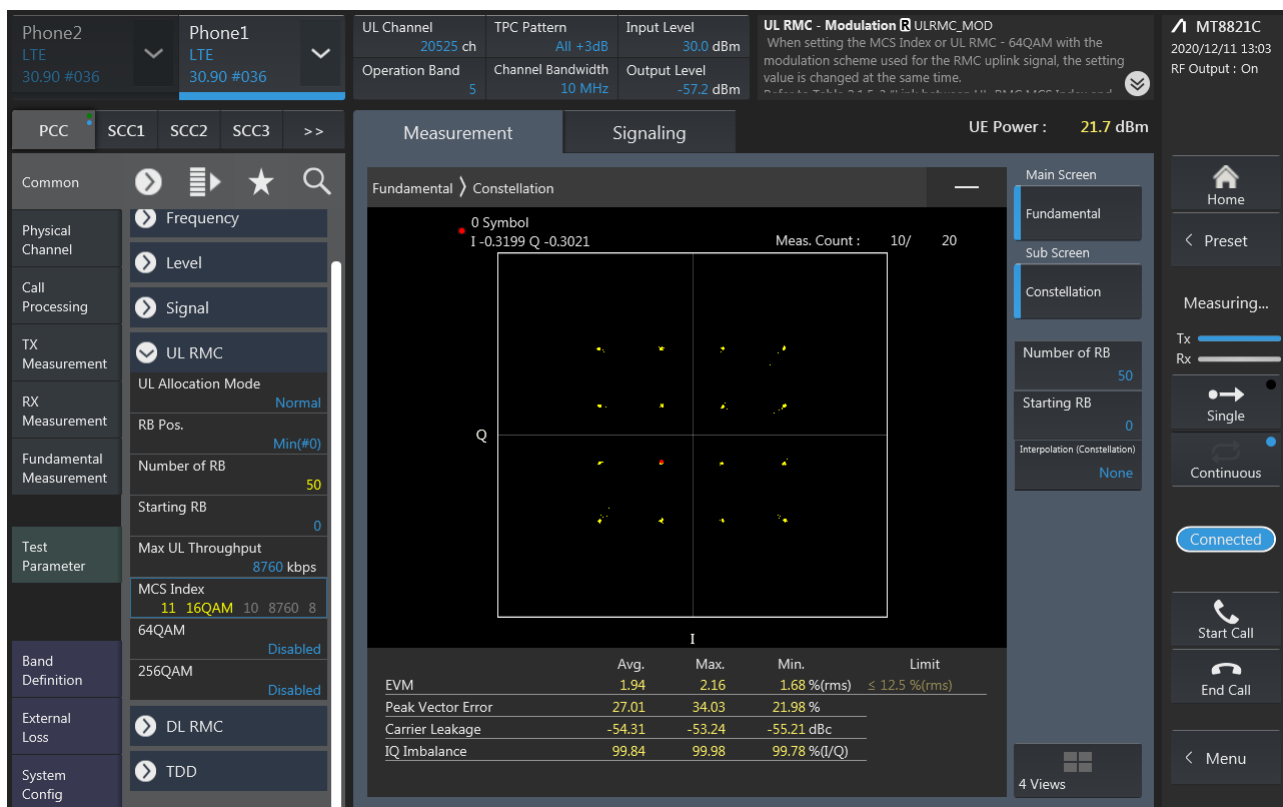
3.1.1. Test Channel = MCH





3.2. Test Mode = LTE /TM2 10MHz

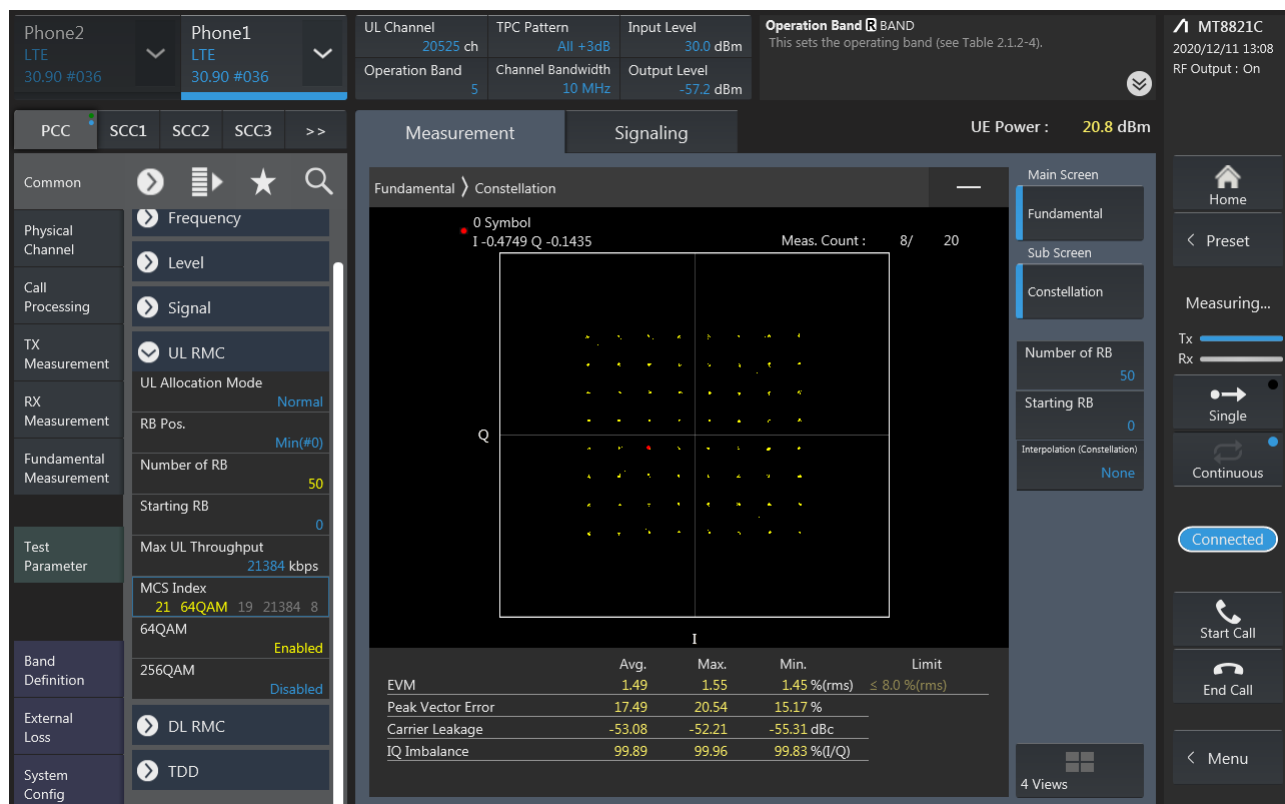
3.2.1. Test Channel = MCH





3.3. Test Mode = LTE /TM3 10MHz

3.3.1. Test Channel = MCH





4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth h	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.088	1.245	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.091	1.245	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.088	1.248	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.085	1.236	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.085	1.242	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.088	1.245	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.094	1.233	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.094	1.245	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.094	1.242	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.703	2.958	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.697	3.024	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.703	3.030	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.691	2.982	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.685	2.982	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.691	2.982	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.697	2.946	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.691	3.000	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.697	2.994	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.476	4.880	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.476	4.900	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.476	4.910	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.476	4.920	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.496	4.950	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.486	4.930	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.476	4.910	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.476	4.910	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.476	4.900	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.931	9.700	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.951	9.720	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.911	9.660	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.931	9.700	PASS

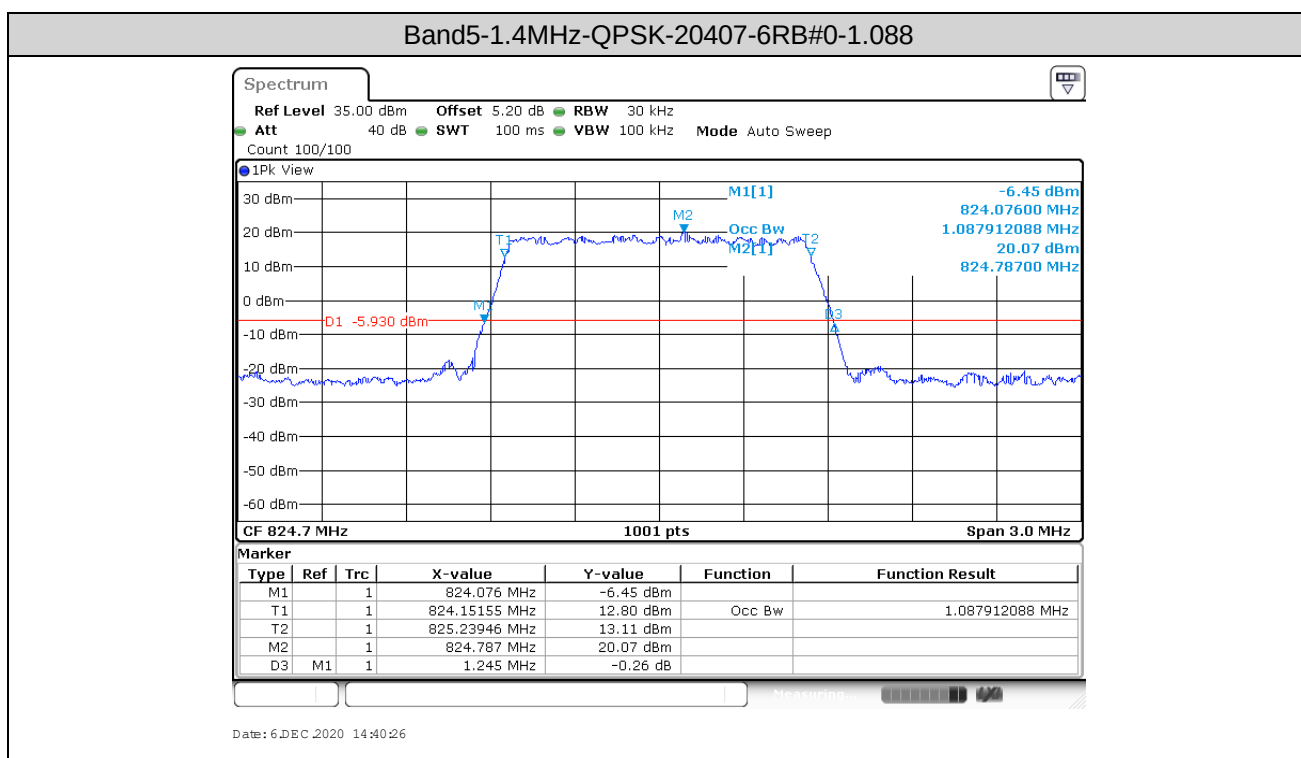


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Band5	10MHz	16QAM	20525	50RB#0	8.951	9.740	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.911	9.700	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.931	9.660	PASS
Band5	10MHz	64QAM	20525	50RB#0	8.951	9.680	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.911	9.640	PASS

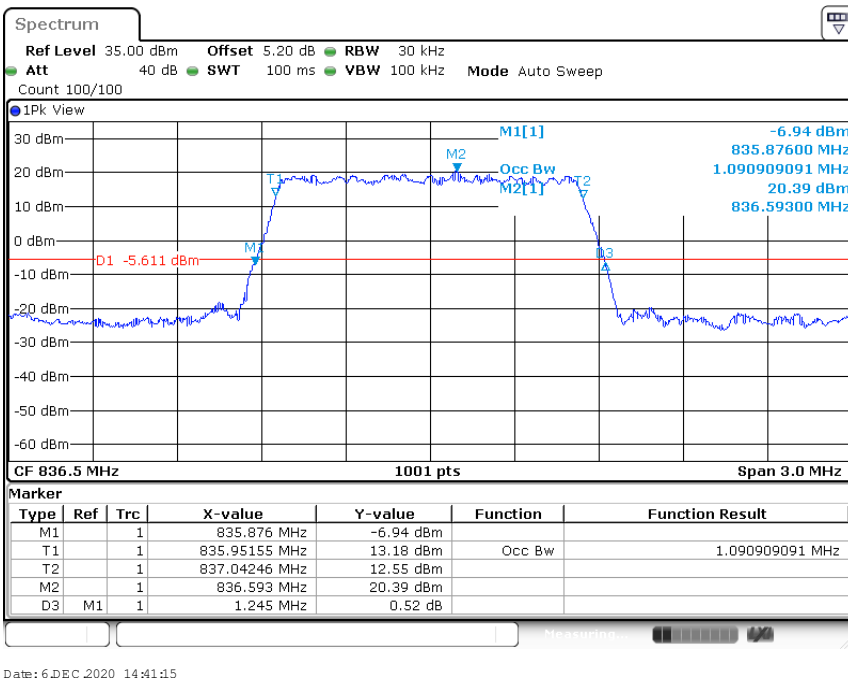
4.2. Test Plots



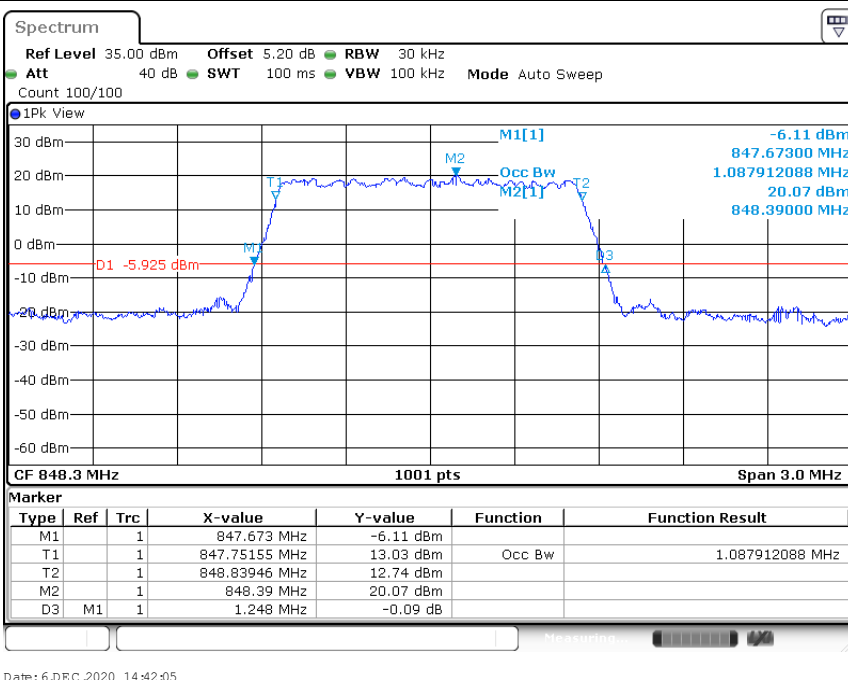
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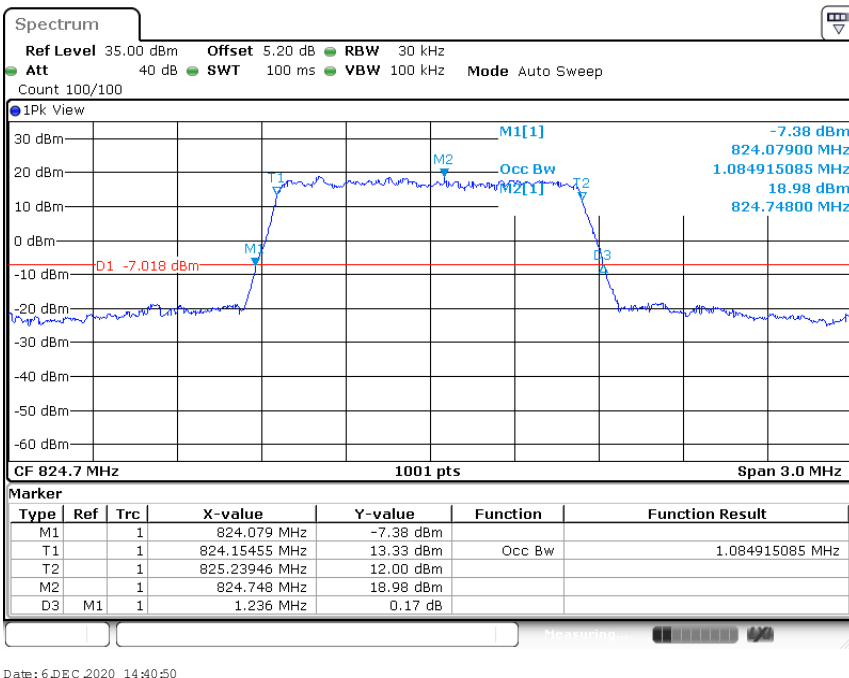
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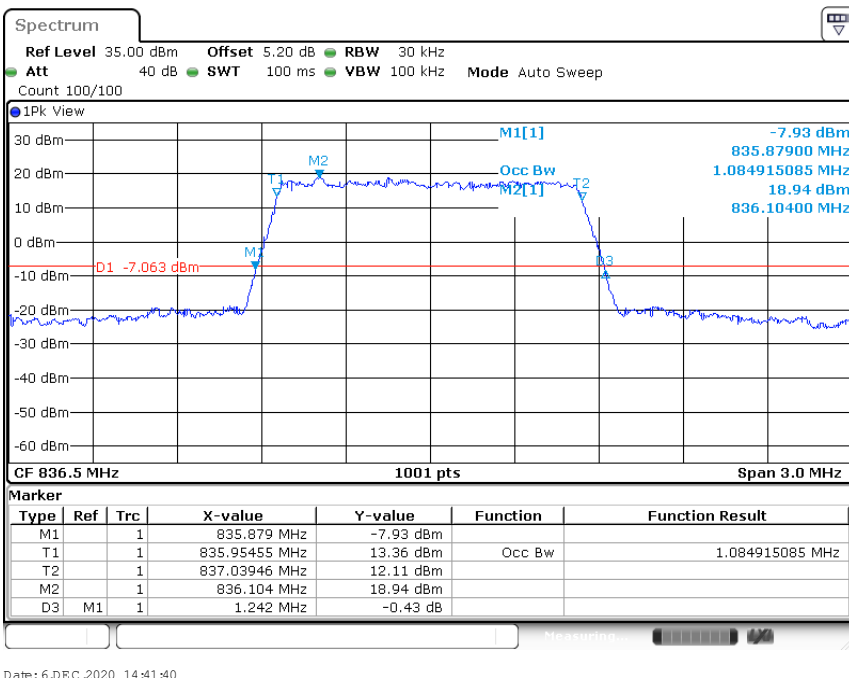
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Band5-1.4MHz-16QAM-20407-6RB#0-1.085



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

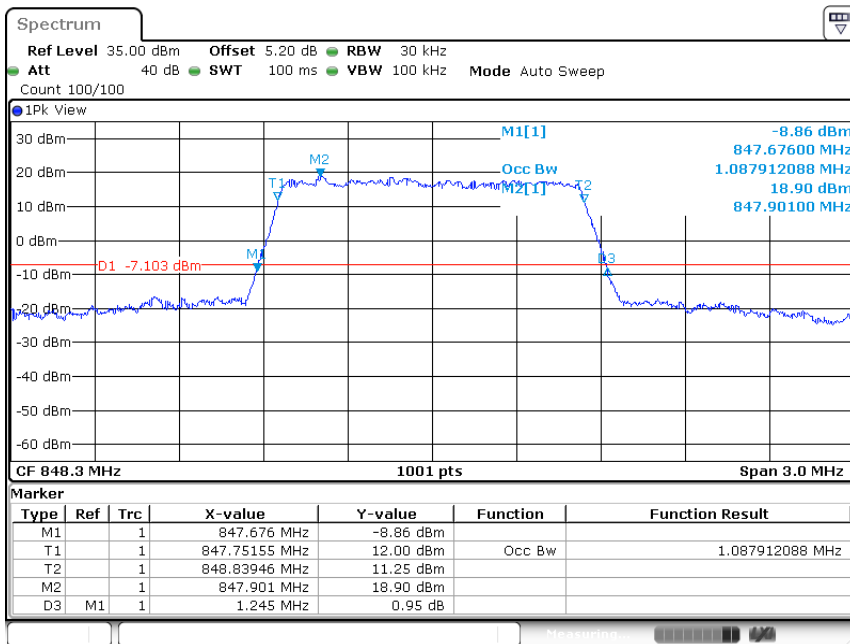


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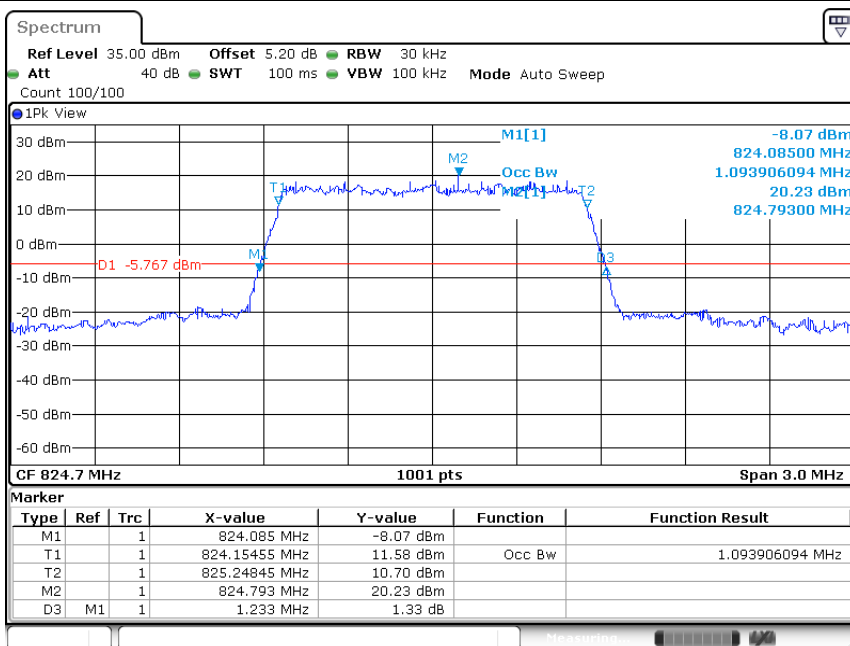
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Band5-1.4MHz-16QAM-20643-6RB#0-1.088



Date: 6 DEC 2020 14:42:30

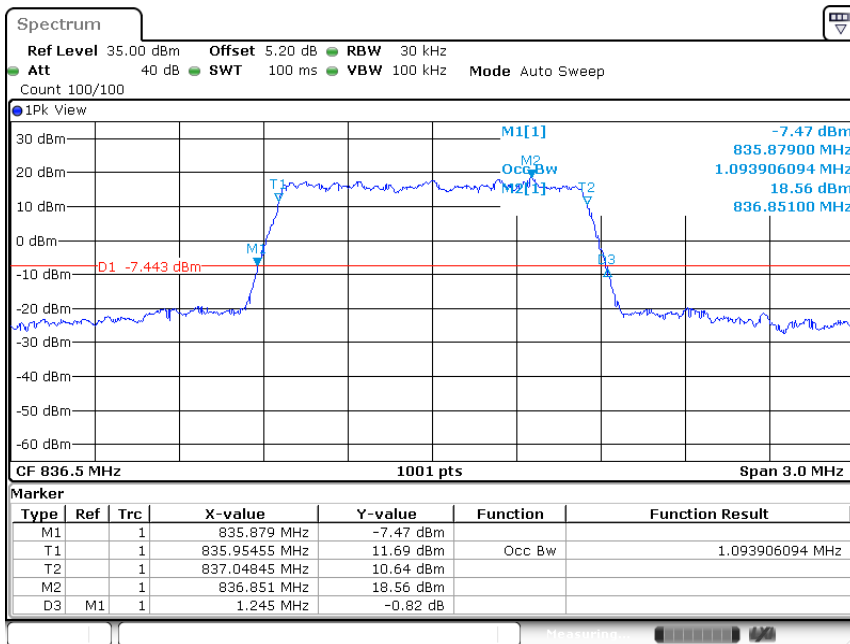
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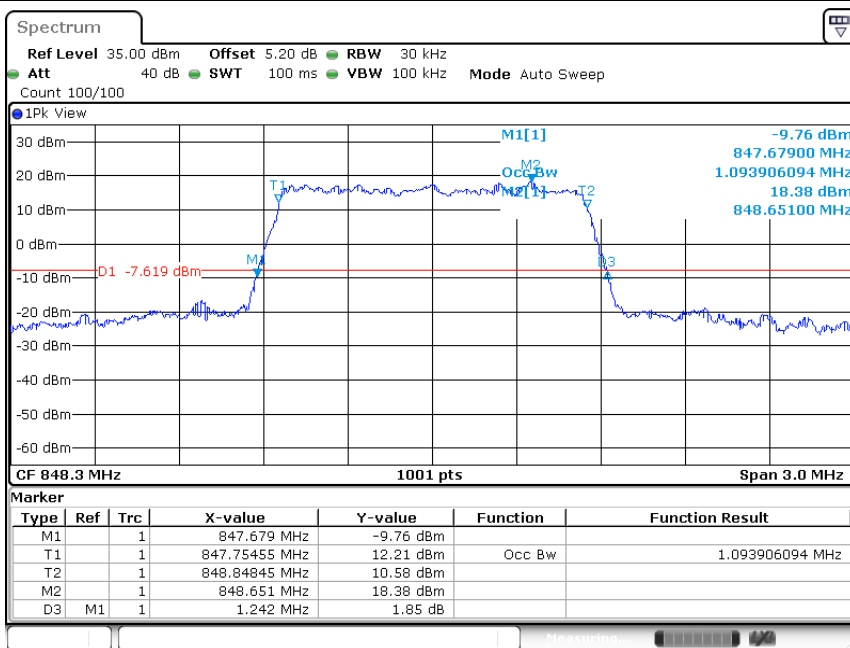


Band5-1.4MHz-64QAM-20525-6RB#0-1.094



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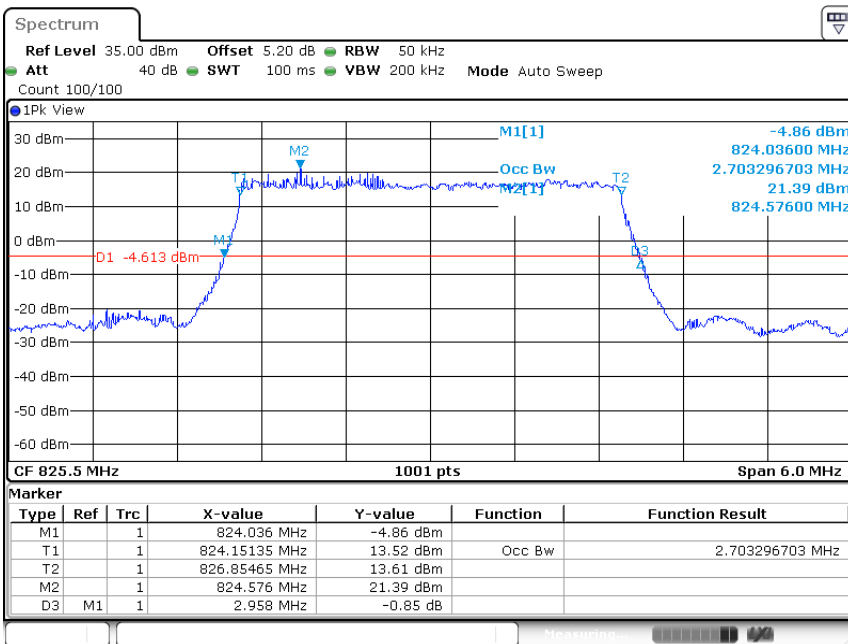


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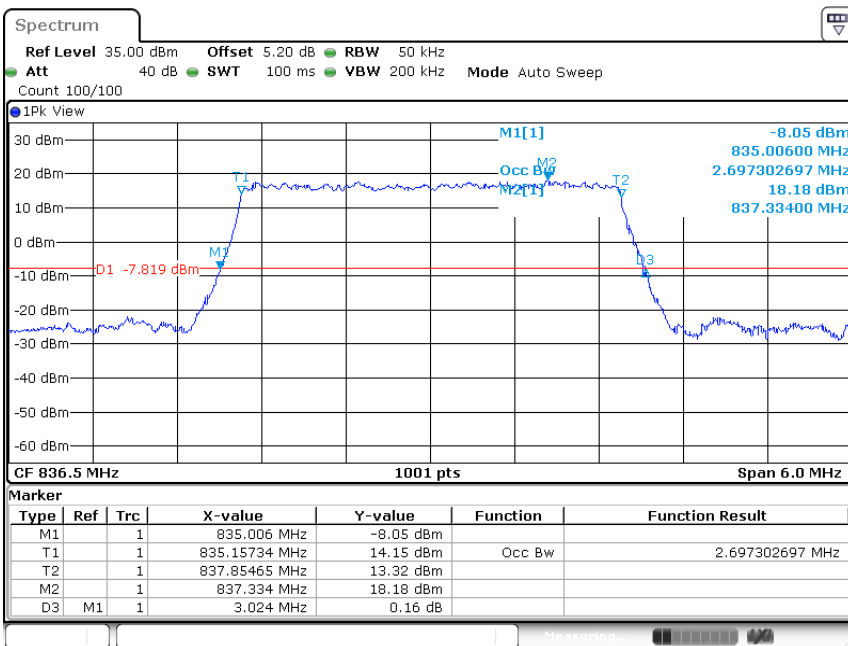
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Band5-3MHz-QPSK-20415-15RB#0-2.703



Date: 6 DEC 2020 14:43:03

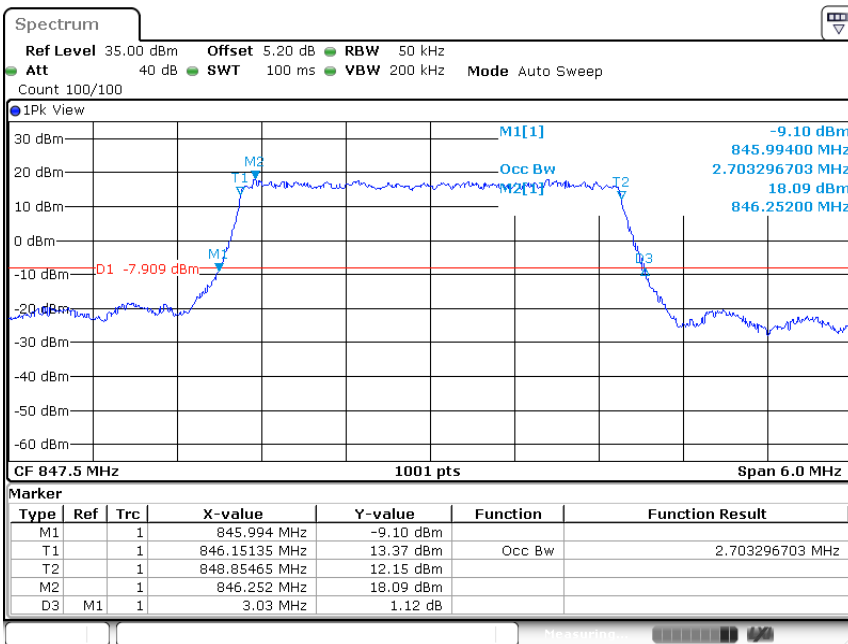
Band5-3MHz-QPSK-20525-15RB#0-2.697



Date: 6 DEC 2020 14:43:53

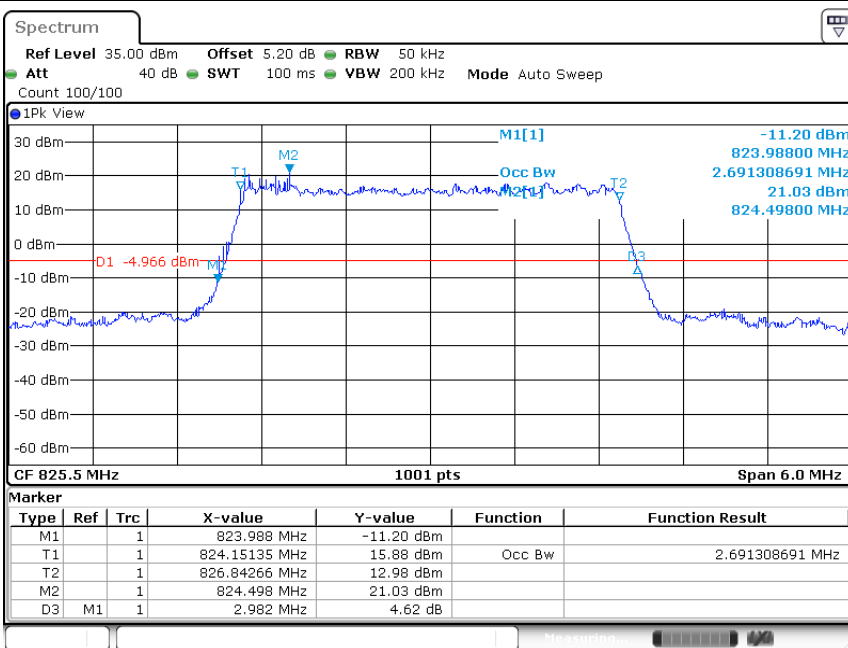


Band5-3MHz-QPSK-20635-15RB#0-2.703



Date: 6 DEC 2020 14:44:43

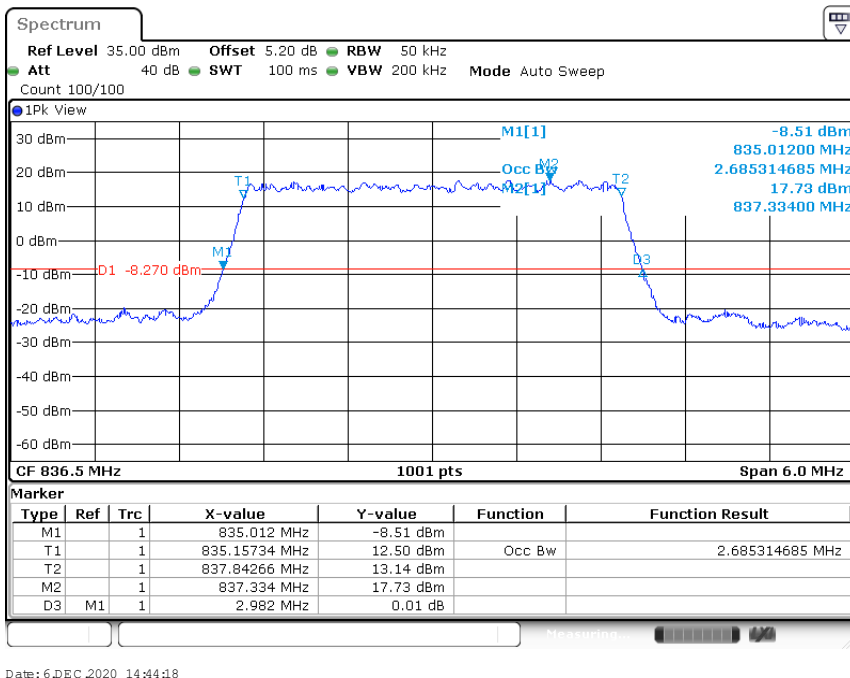
Band5-3MHz-16QAM-20415-15RB#0-2.691



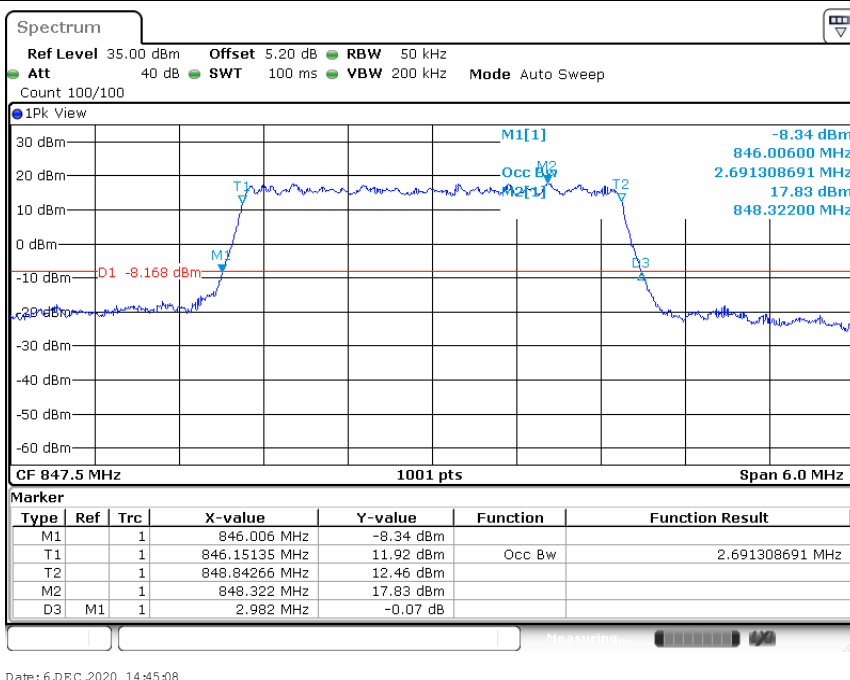
Date: 6 DEC 2020 14:43:28



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



Band5-3MHz-16QAM-20635-15RB#0-2.691

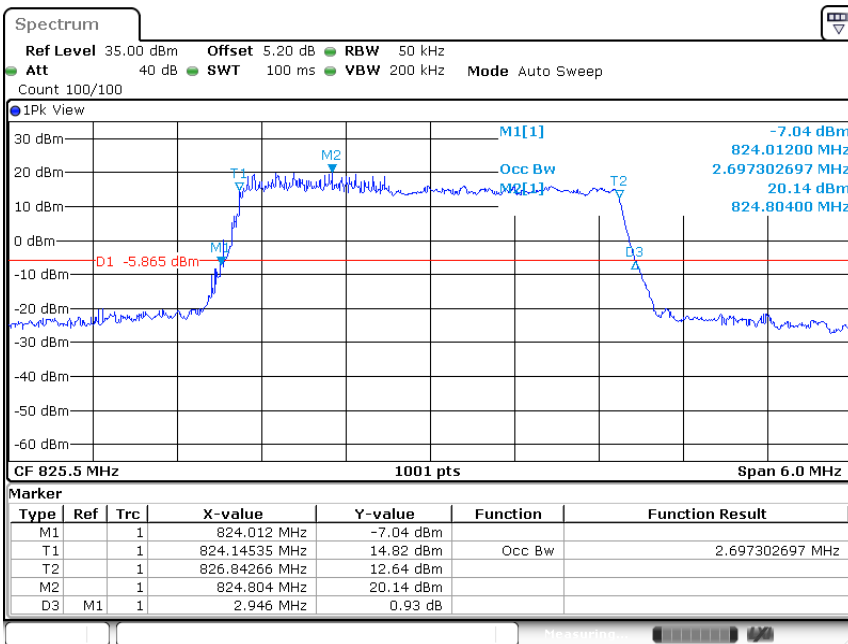


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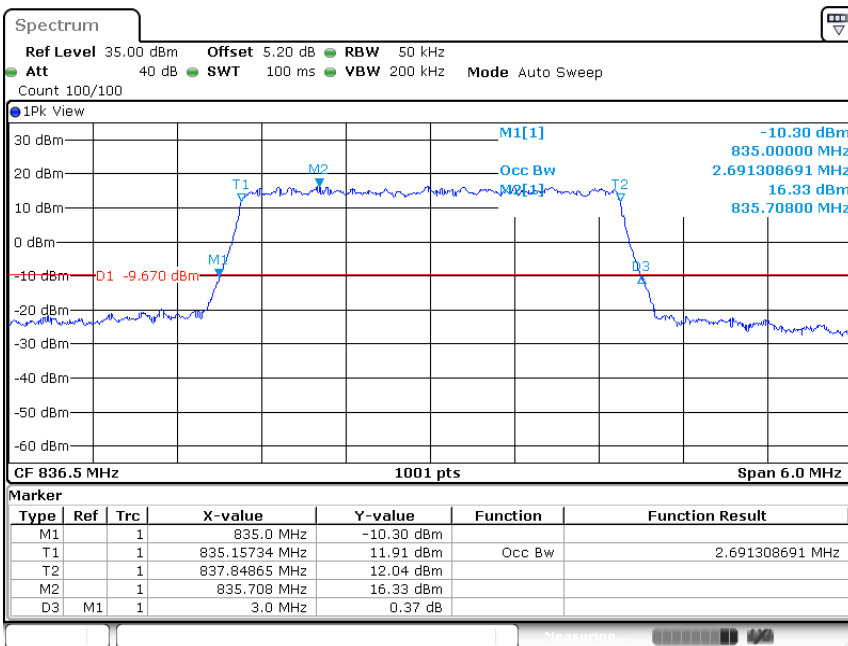
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Band5-3MHz-64QAM-20415-15RB#0-2.697



Date: 6 DEC 2020 14:11:57

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



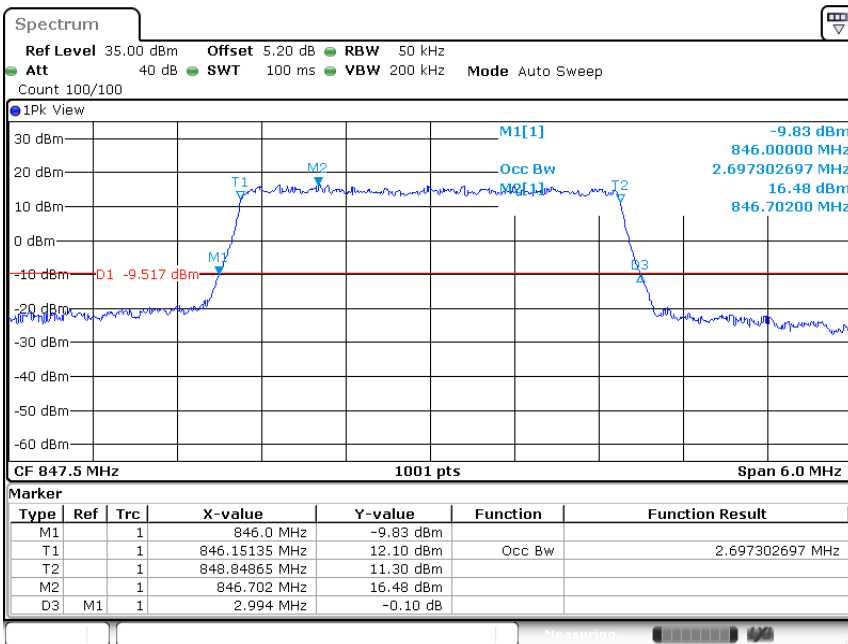
Date: 6 DEC 2020 14:12:22



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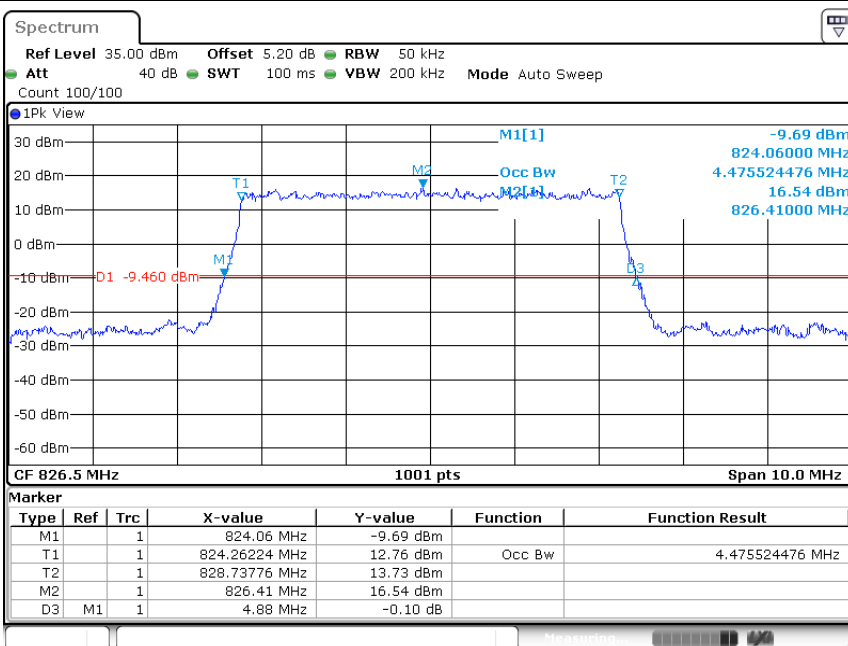
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Band5-3MHz-64QAM-20635-15RB#0-2.697



Date: 6 DEC 2020 14:12:47

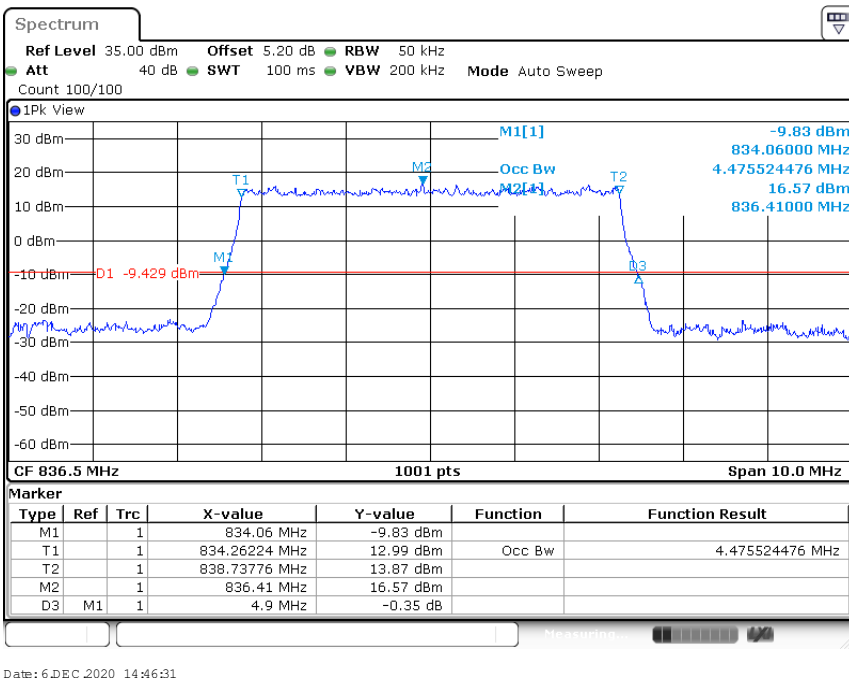
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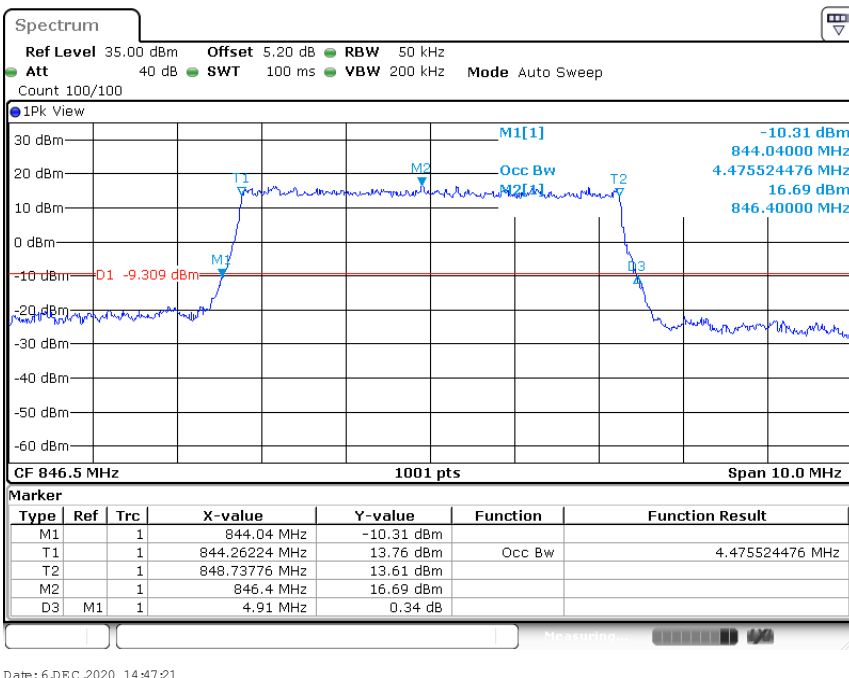
Date: 6 DEC 2020 14:45:41



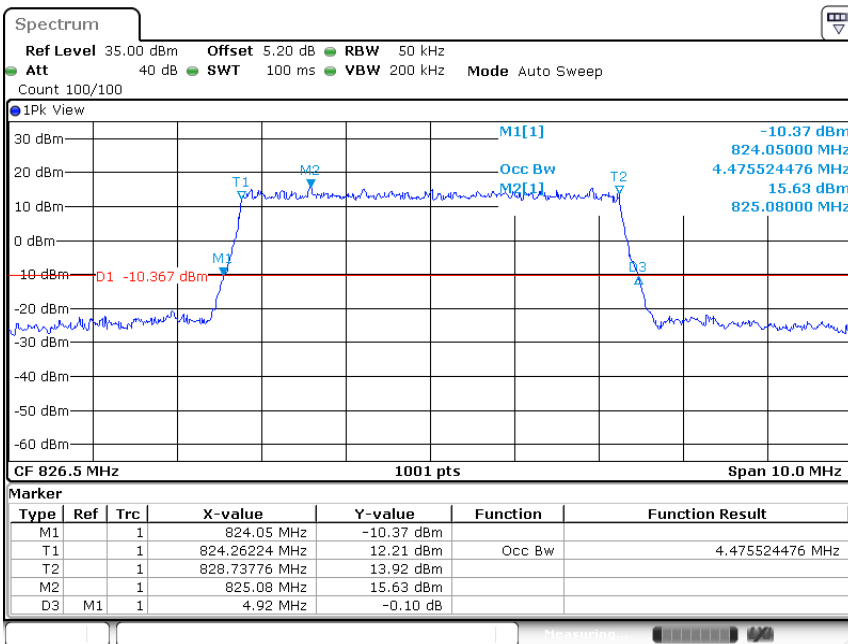
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Band5-5MHz-QPSK-20625-25RB#0-4.476

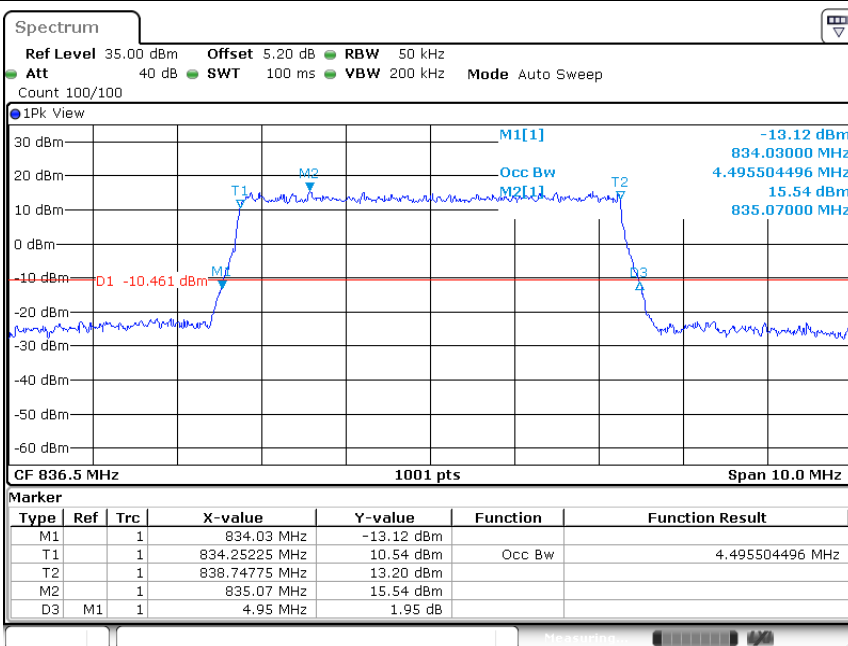


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Date: 6 DEC 2020 14:46:06

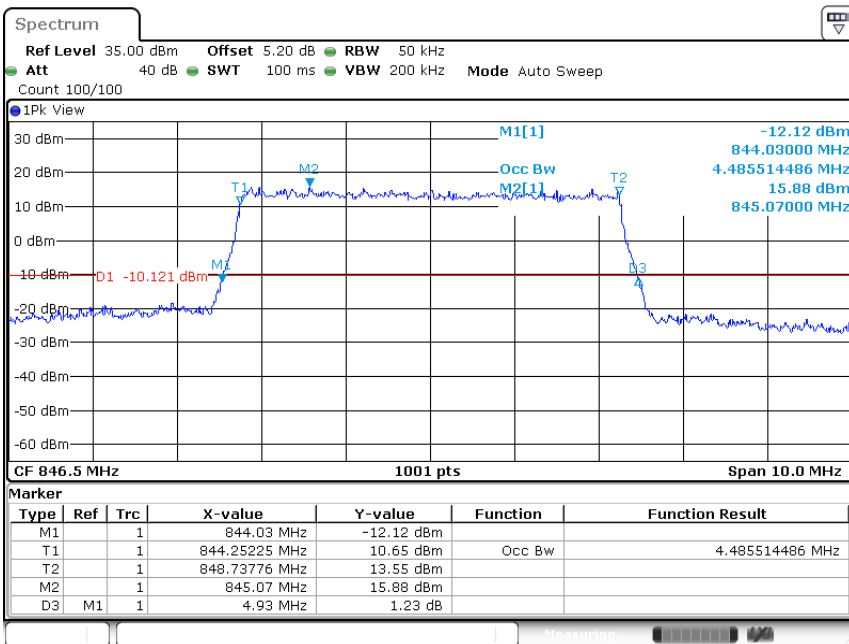
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Date: 6 DEC 2020 14:46:56

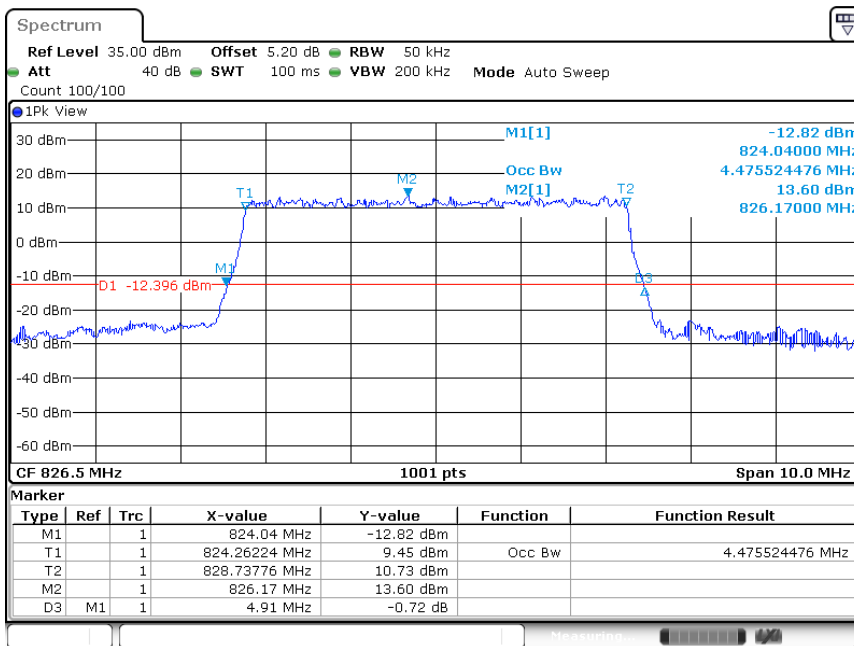


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Date: 6 DEC 2020 14:47:45

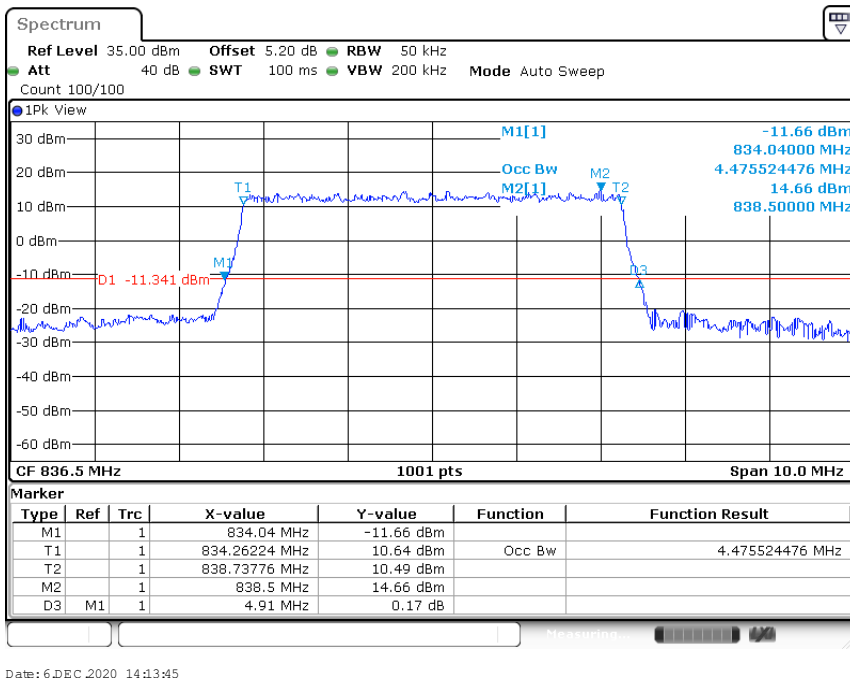
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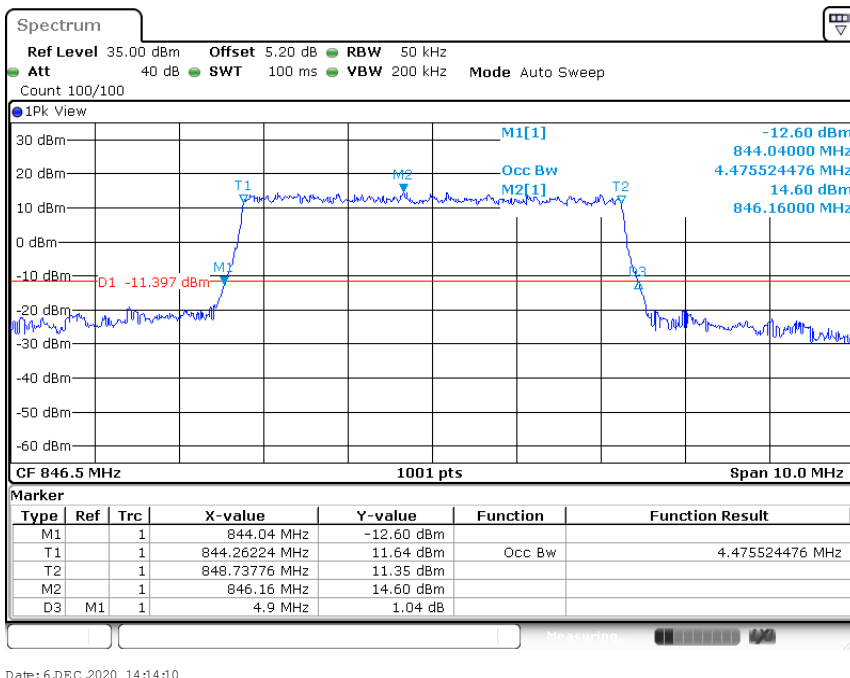
Date: 14 DEC 2020 21:11:54



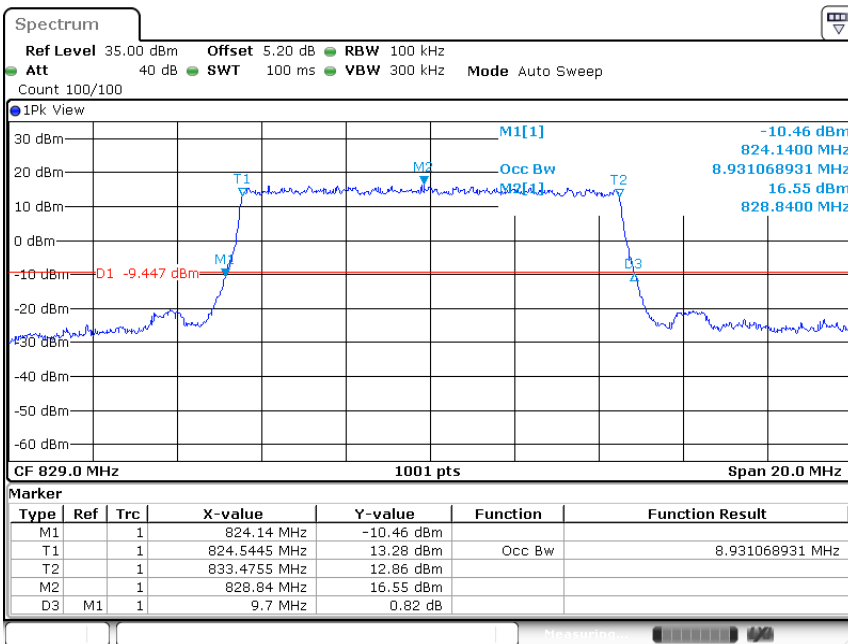
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Band5-5MHz-64QAM-20625-25RB#0-4.476

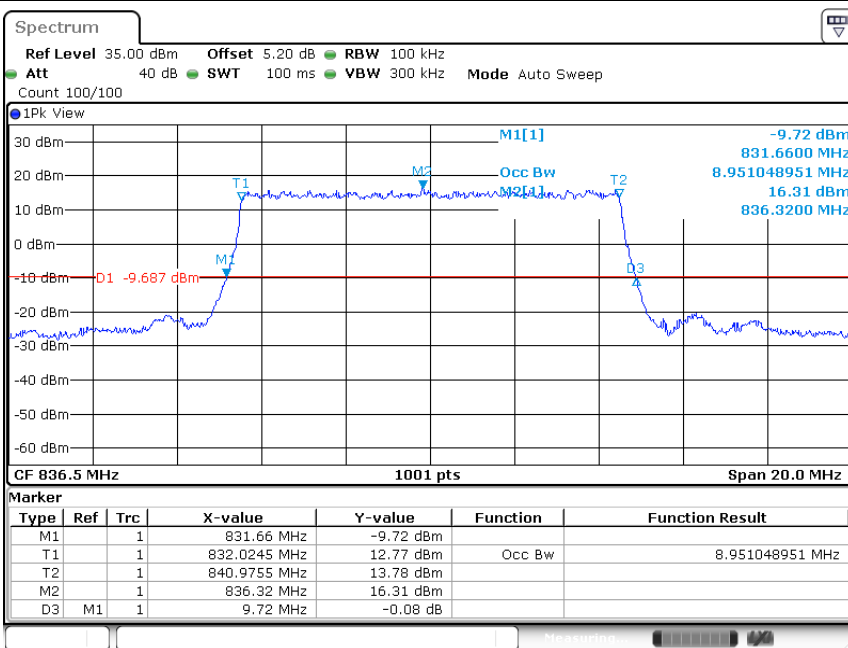


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Date: 6 DEC 2020 14:48:18

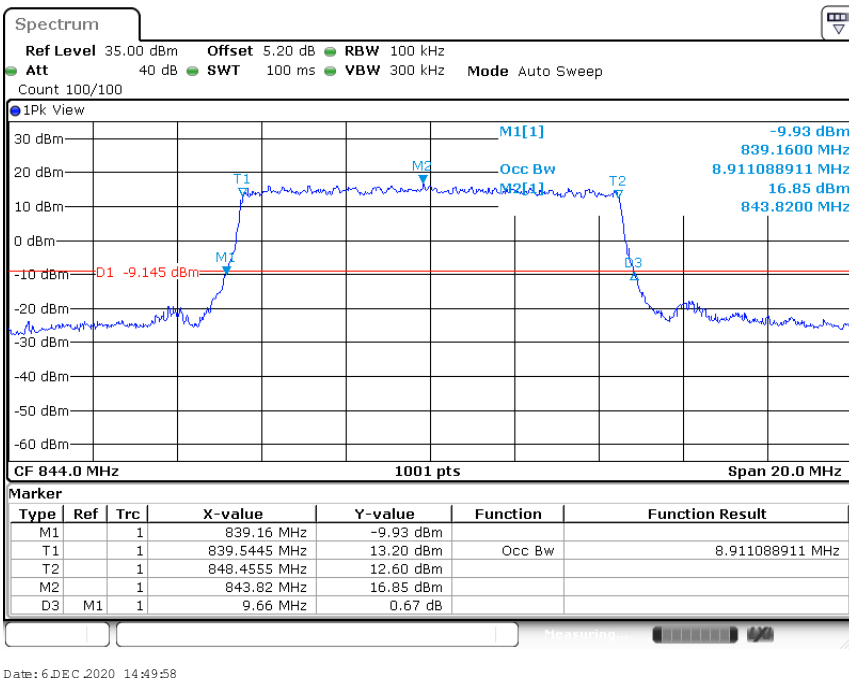
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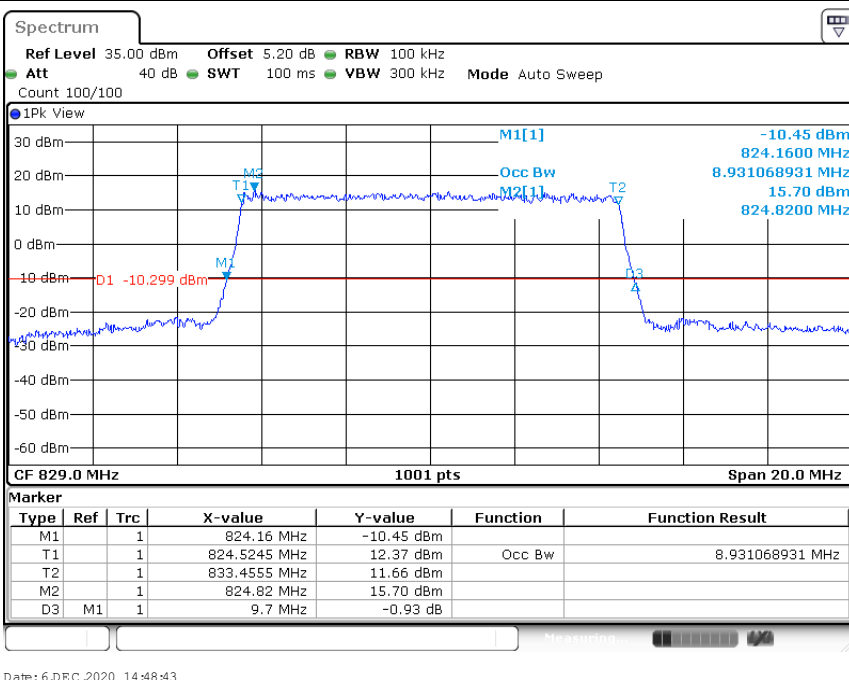
Date: 6 DEC 2020 14:49:08



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



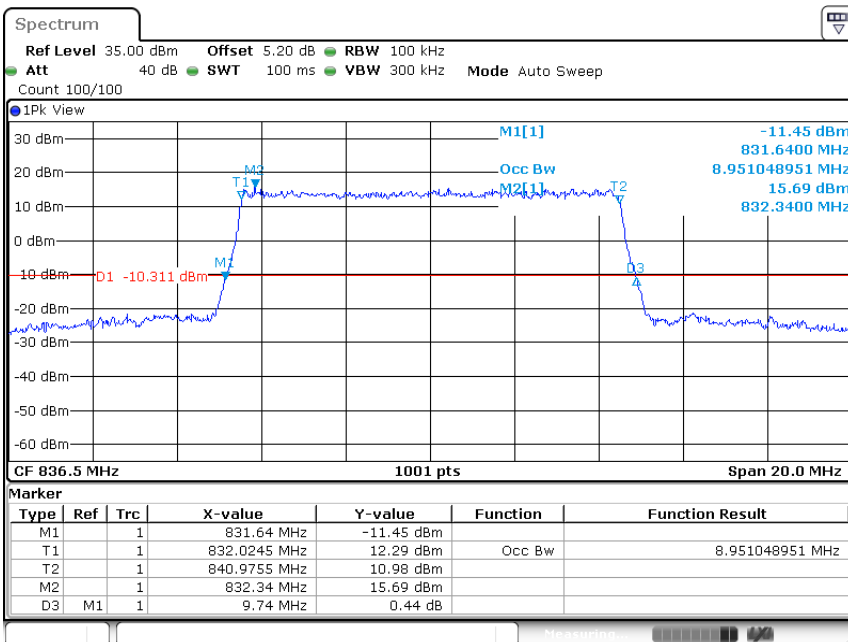
Band5-10MHz-16QAM-20450-50RB#0-8.931



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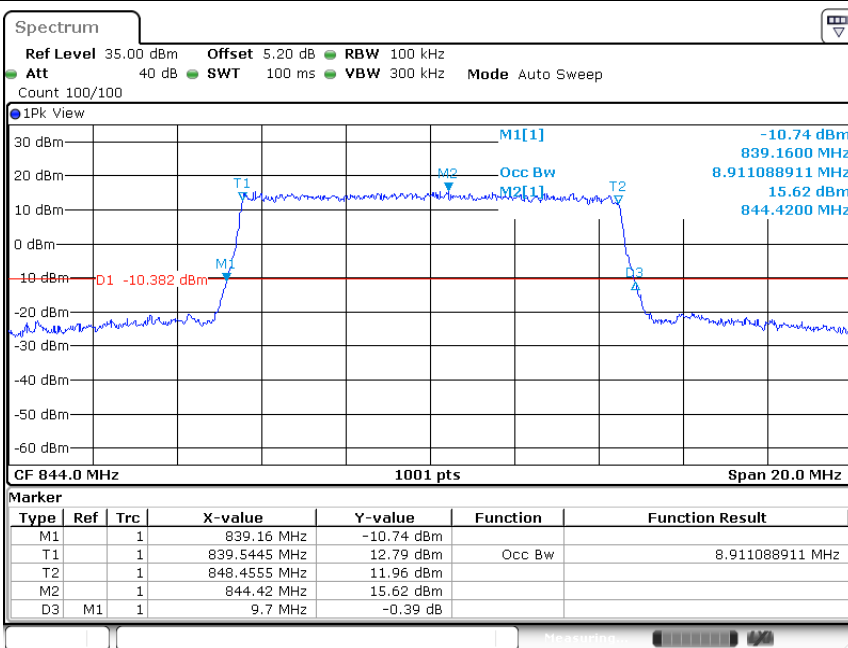
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Band5-10MHz-16QAM-20525-50RB#0-8.951



Date: 6 DEC 2020 14:49:33

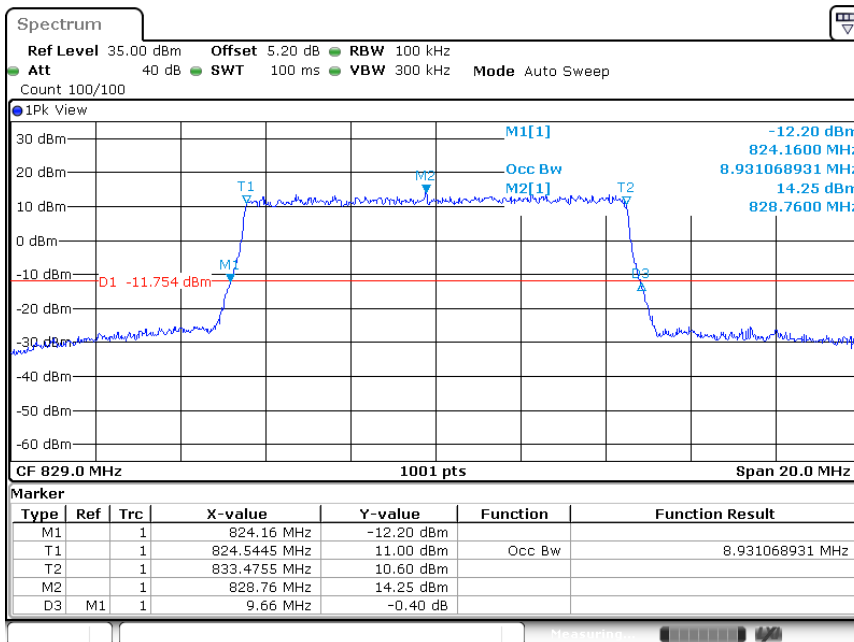
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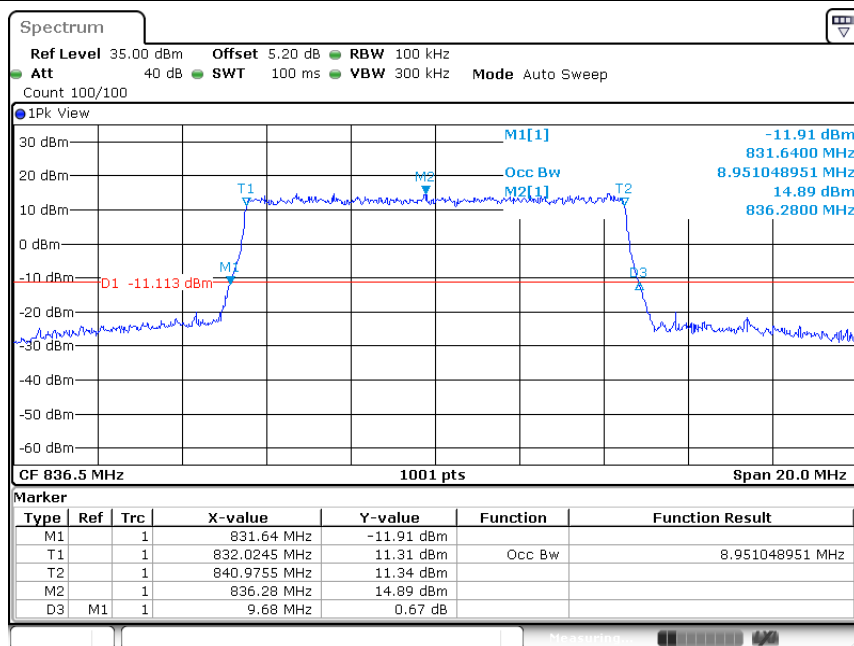


Band5-10MHz-64QAM-20450-50RB#0-8.931



Date: 14 DEC 2020 21:13:28

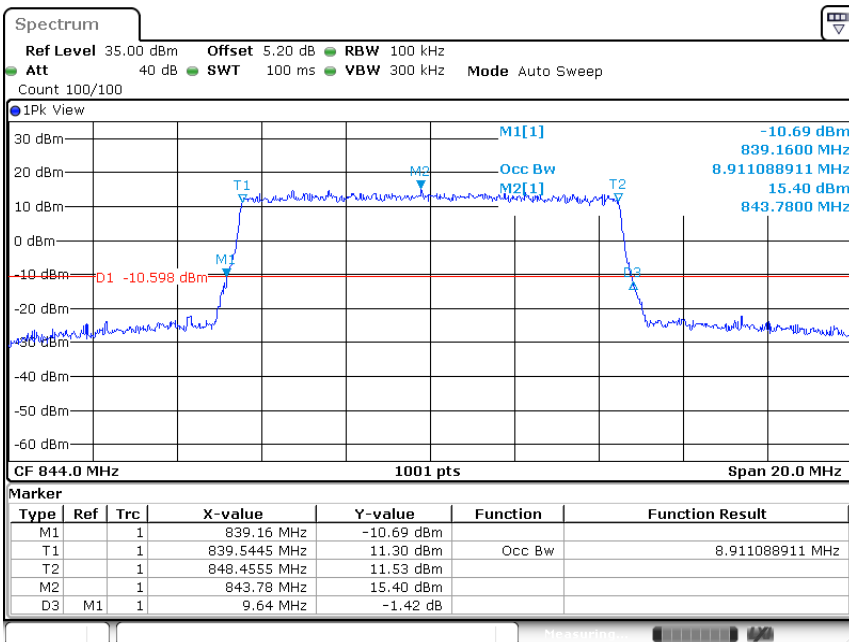
Band5-10MHz-64QAM-20525-50RB#0-8.951



Date: 6 DEC 2020 14:15:09



Band5-10MHz-64QAM-20600-50RB#0-8.911

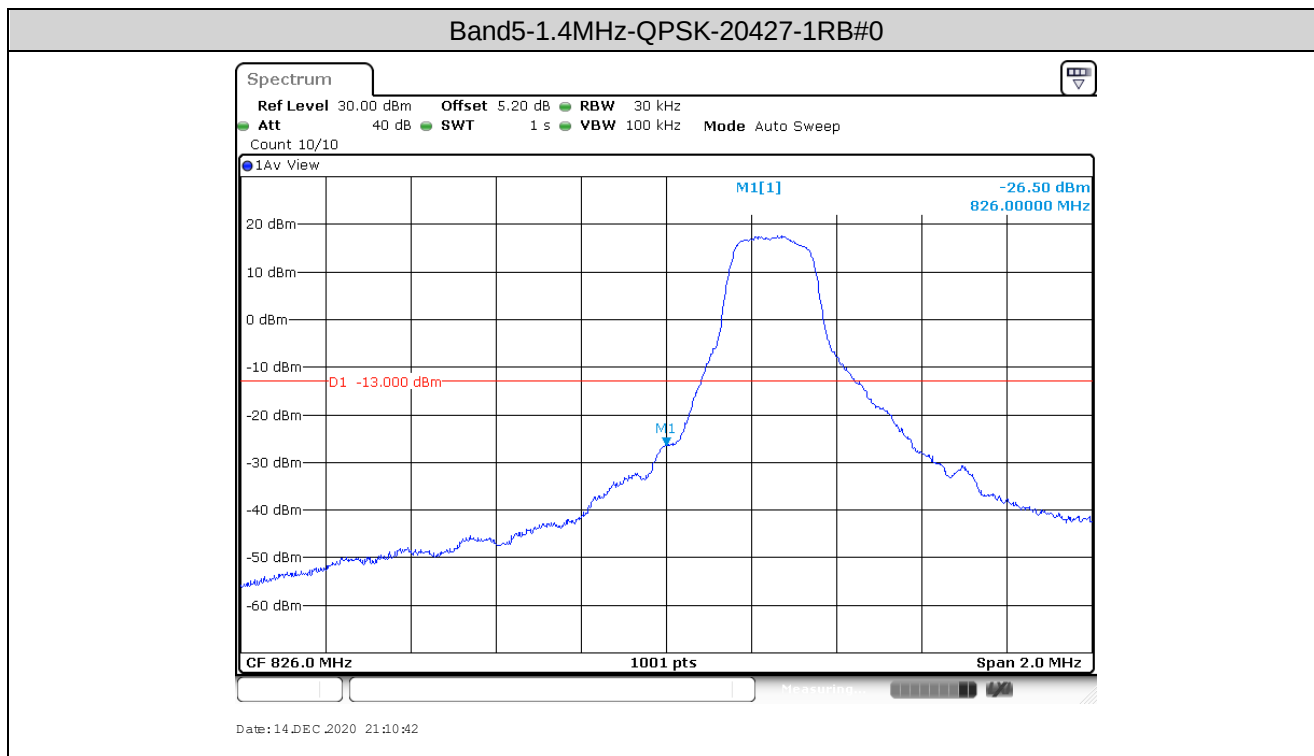


Date: 6 DEC 2020 14:15:34



5. Band Edge Compliance

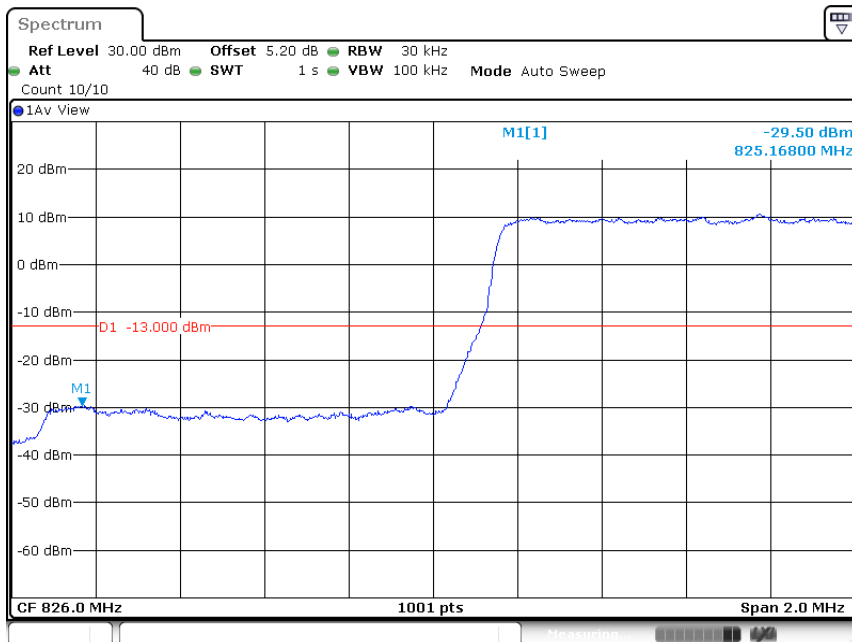
5.1. Test Plots



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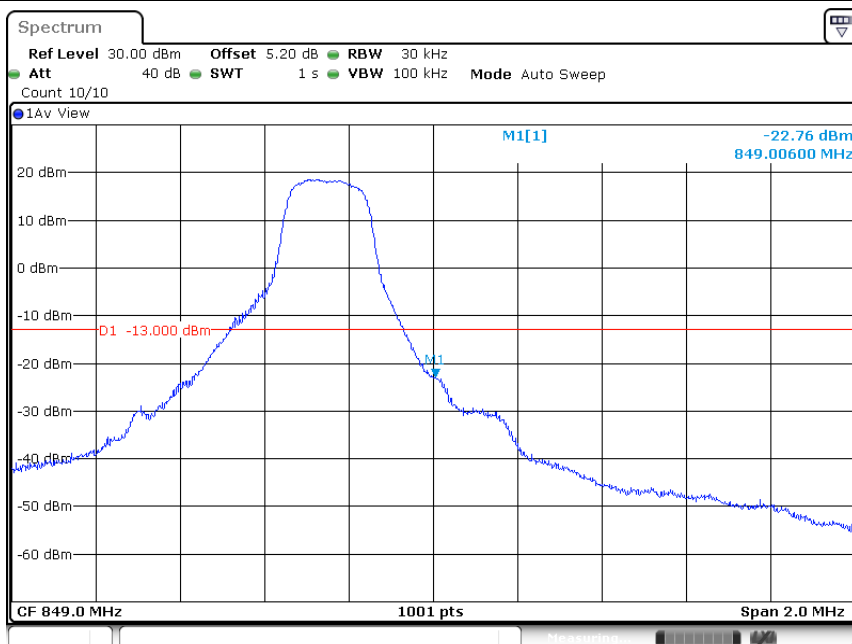
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Band5-1.4MHz-QPSK-20427-6RB#0



Date: 6 DEC 2020 13:38:34

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



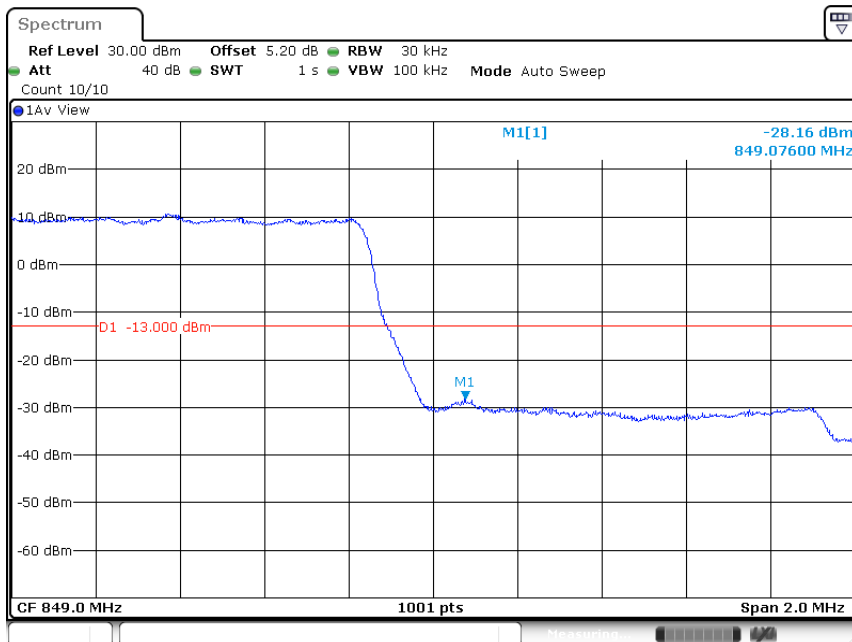
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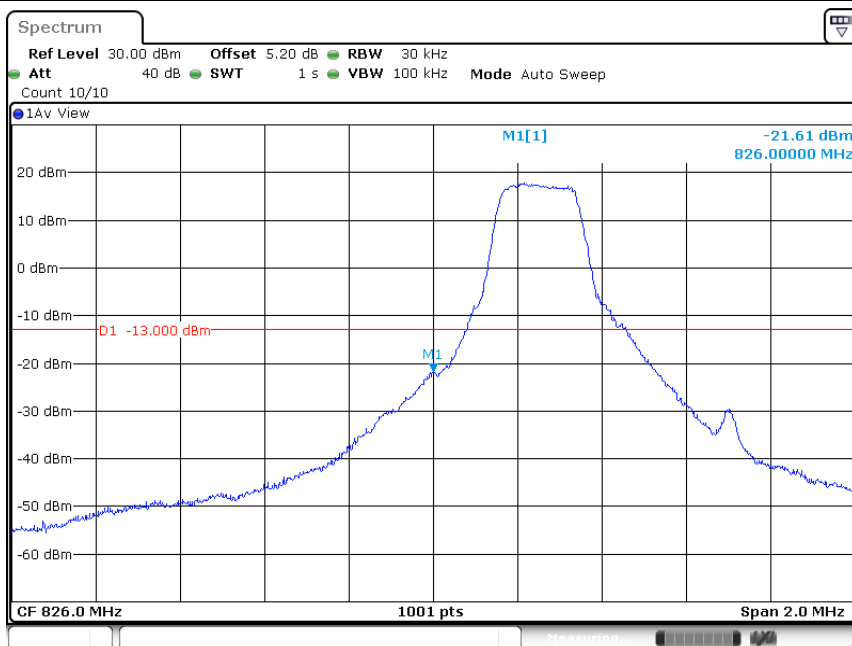
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Band5-1.4MHz-QPSK-20643-6RB#0



Date: 6 DEC 2020 13:40:25

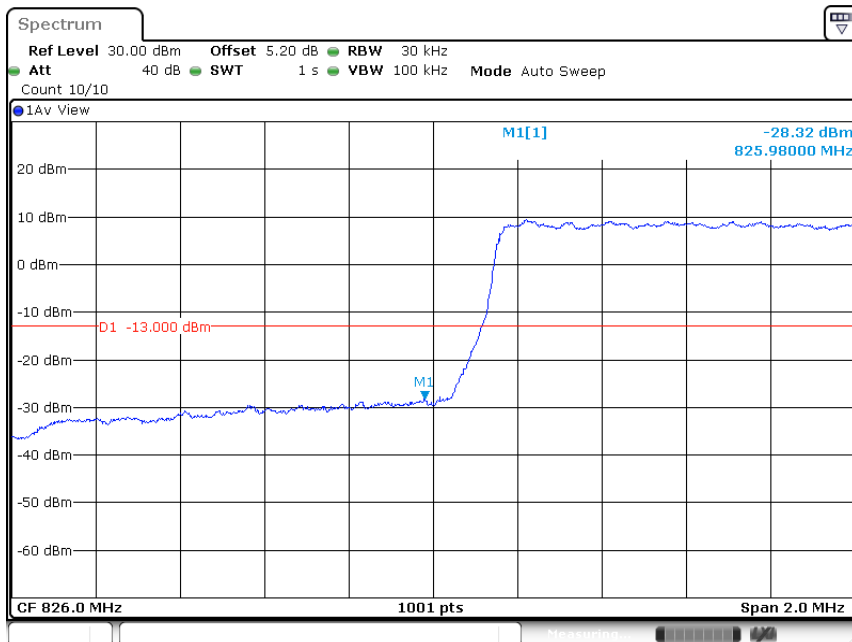
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Date: 6 DEC 2020 13:38:08

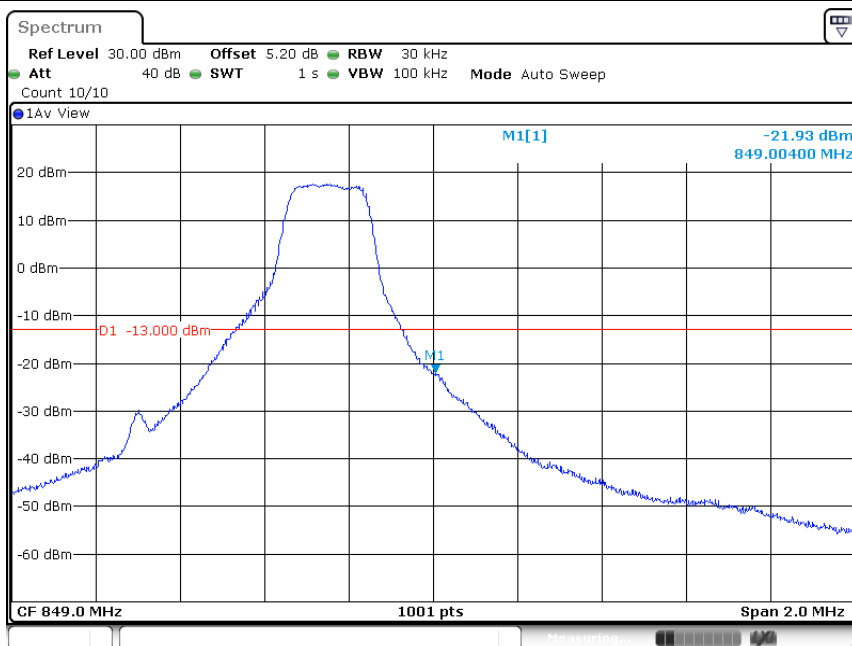


Band5-1.4MHz-16QAM-20427-6RB#0



Date: 6 DEC 2020 13:39:00

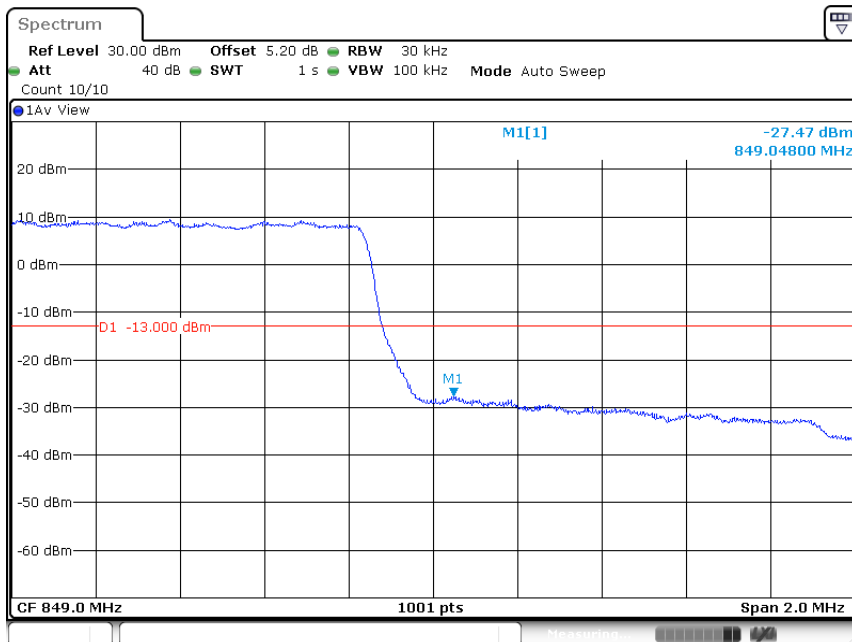
Band5-1.4MHz-16QAM-20643-1RB#5



Date: 6 DEC 2020 13:39:59

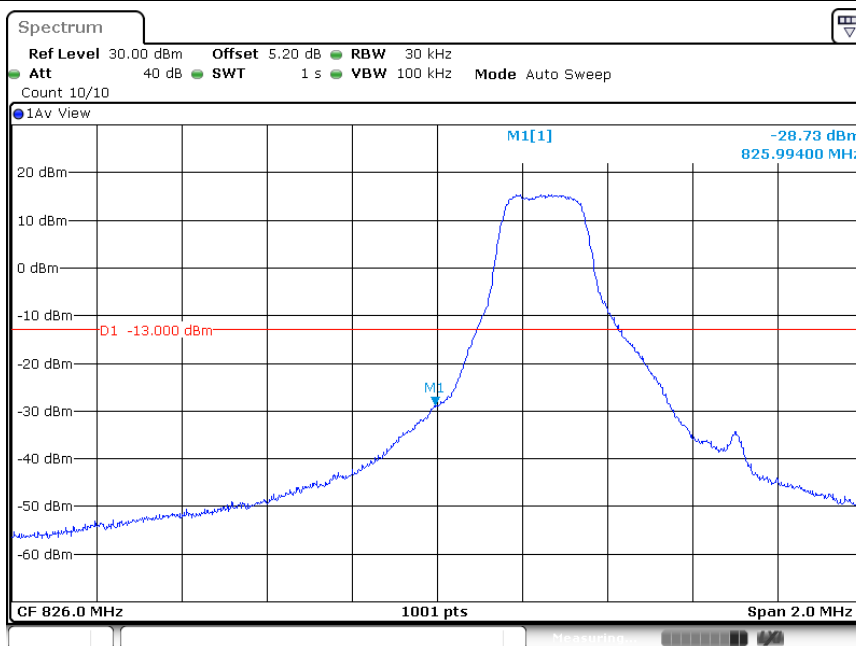


Band5-1.4MHz-16QAM-20643-6RB#0



Date: 6 DEC 2020 13:40:51

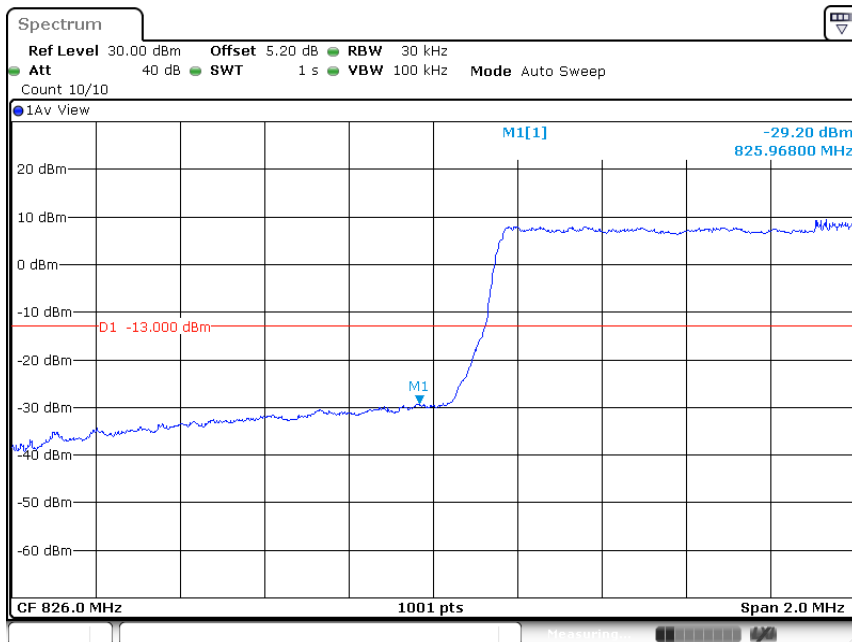
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Date: 14 DEC 2020 21:14:36

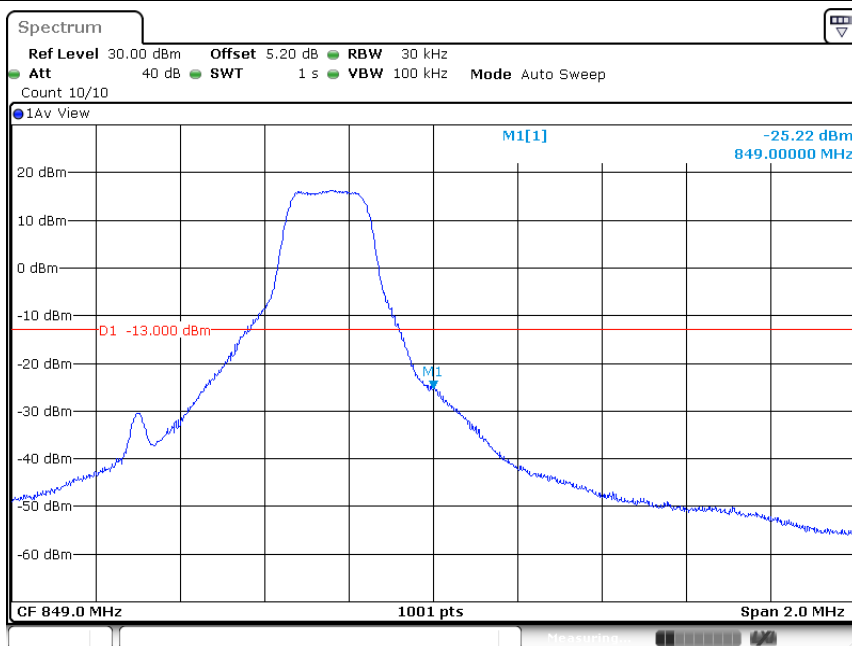


Band5-1.4MHz-64QAM-20427-6RB#0



Date: 6 DEC 2020 14:16:39

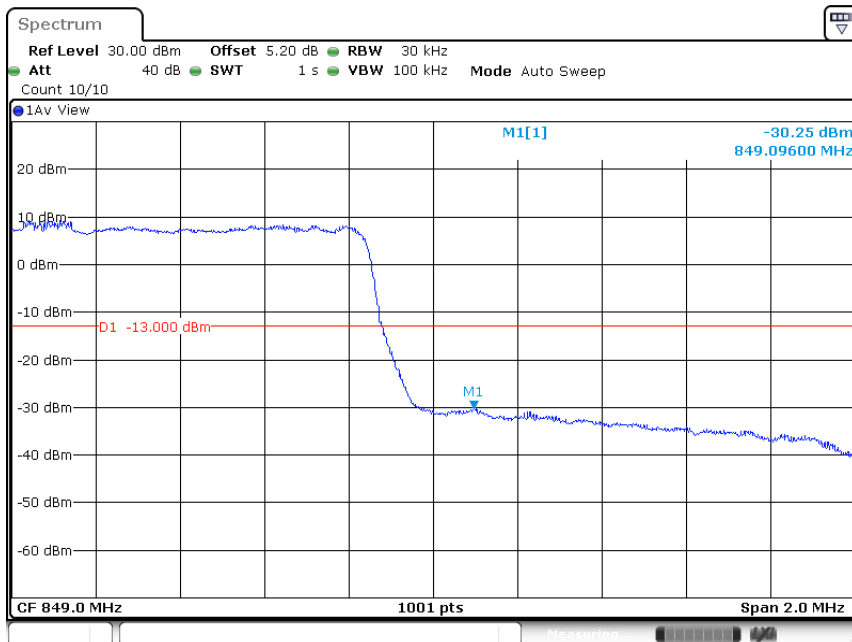
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Date: 6 DEC 2020 14:17:12

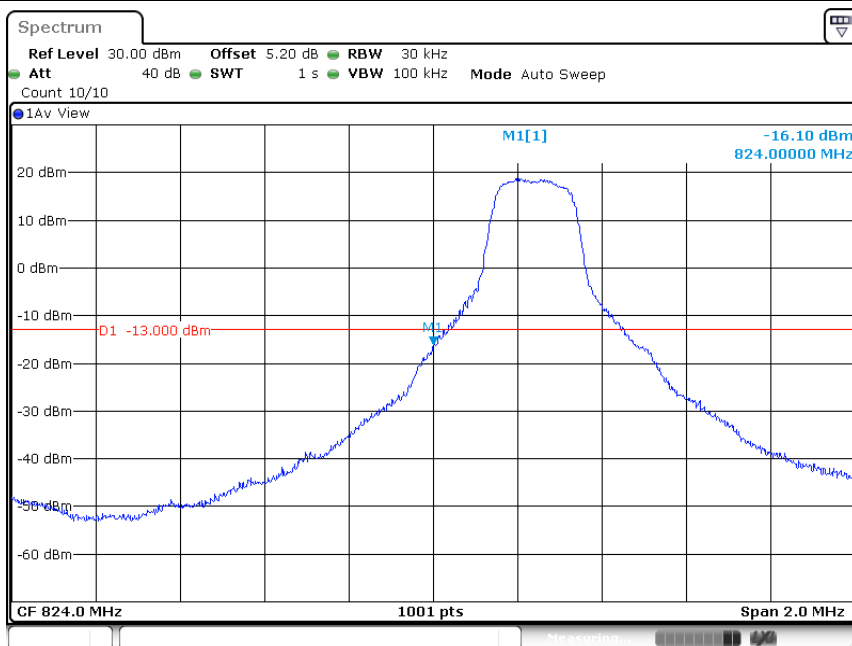


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Date: 6 DEC 2020 14:17:38

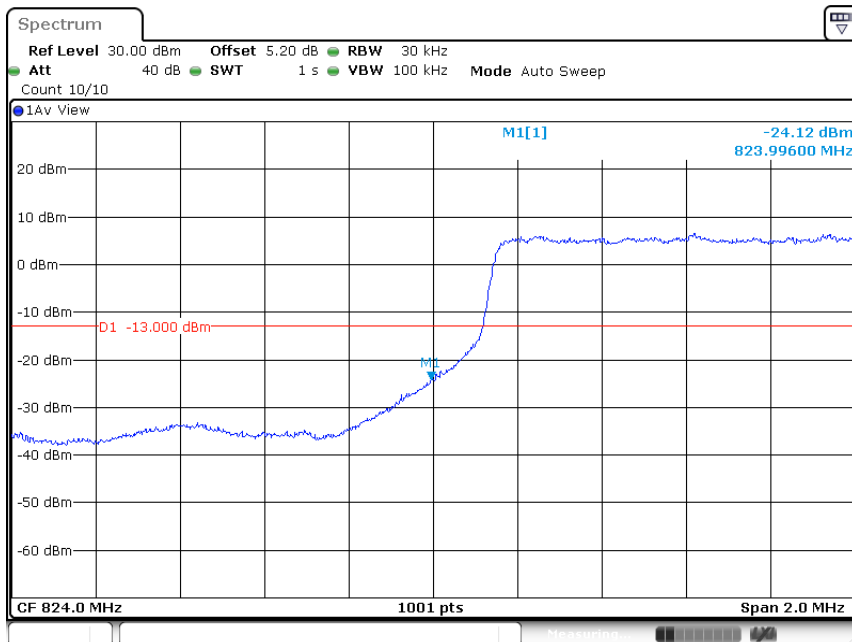
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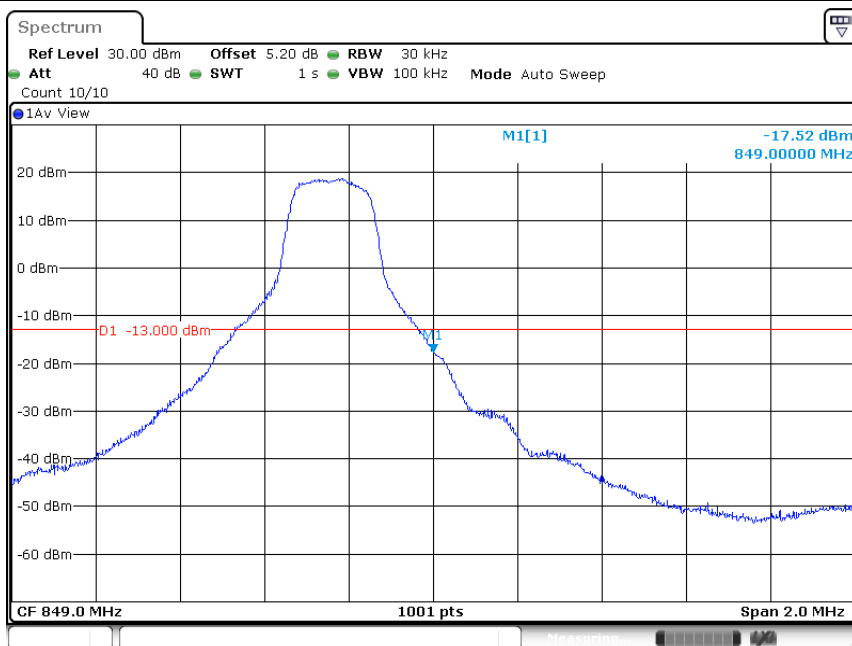


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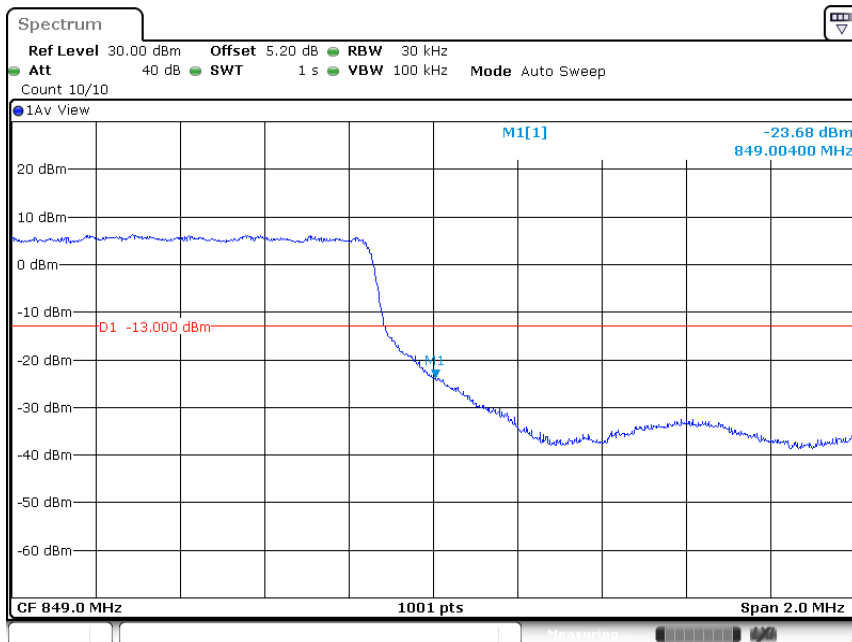
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Date: 6 DEC 2020 13:47:45

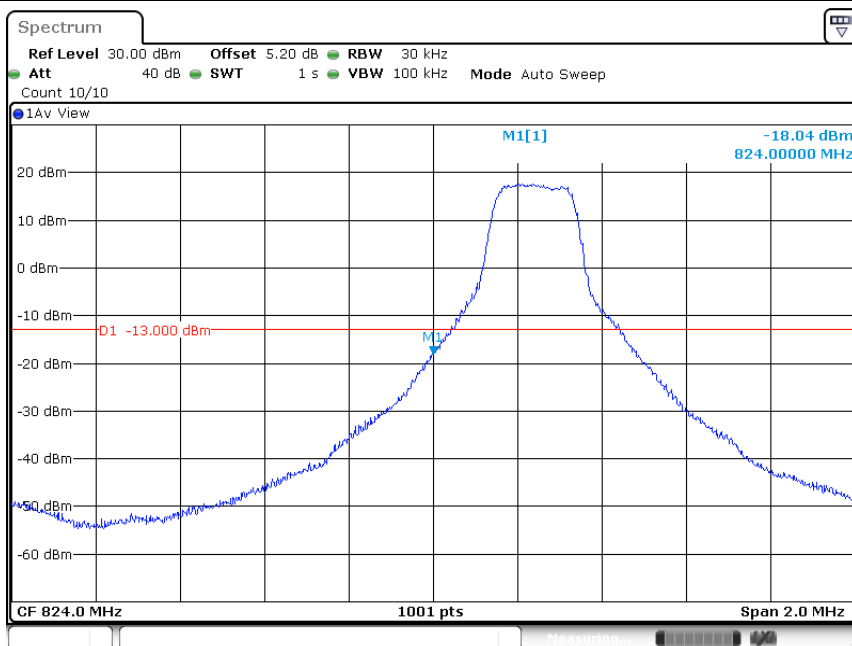


Band5-3MHz-QPSK-20635-15RB#0



Date: 6 DEC 2020 13:48:38

Band5-3MHz-16QAM-20415-1RB#0



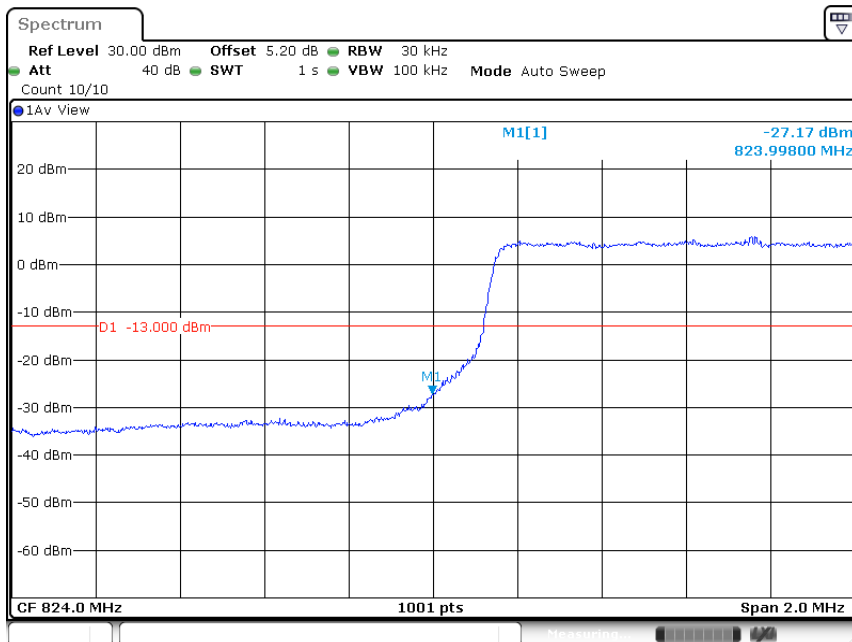
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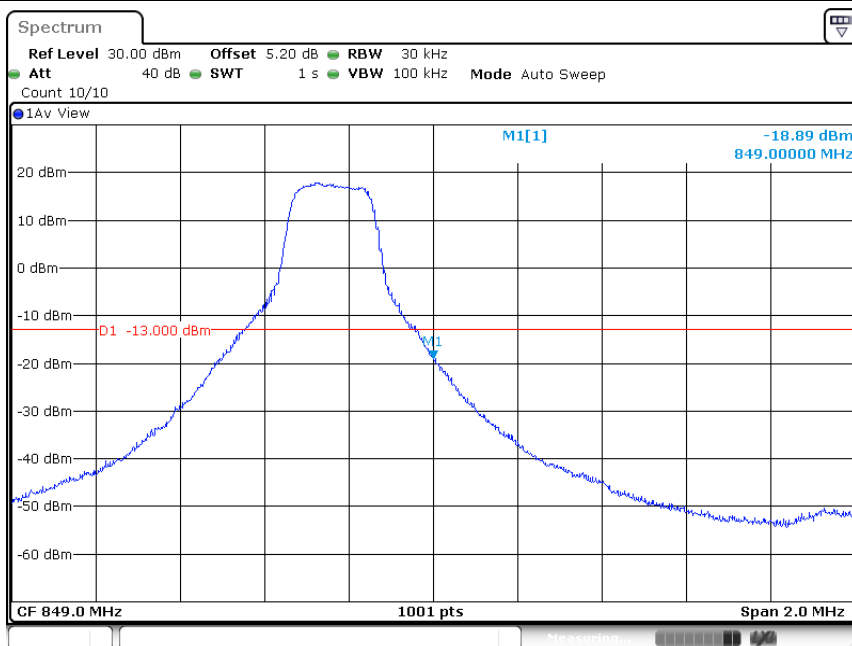
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Band5-3MHz-16QAM-20415-15RB#0



Date: 6 DEC 2020 13:47:12

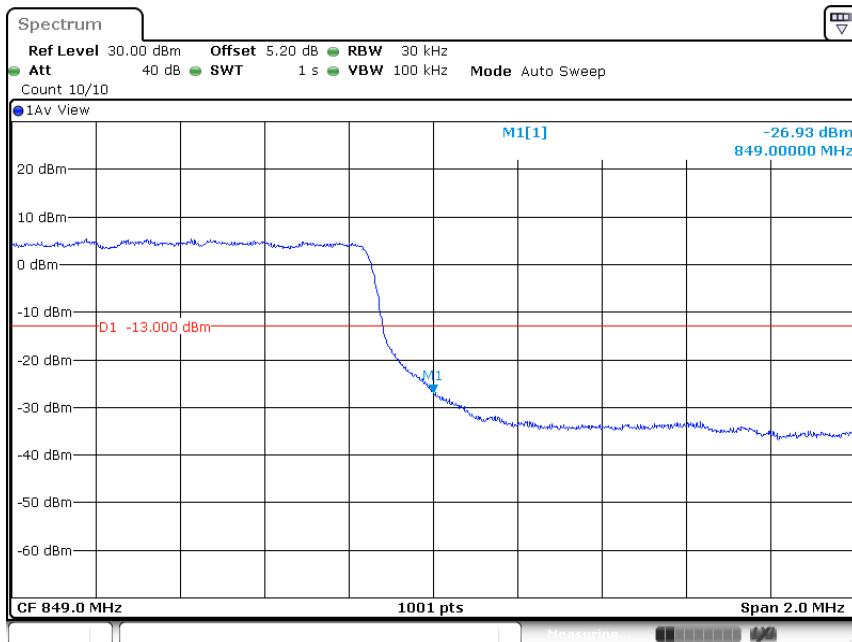
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Date: 6 DEC 2020 13:48:11

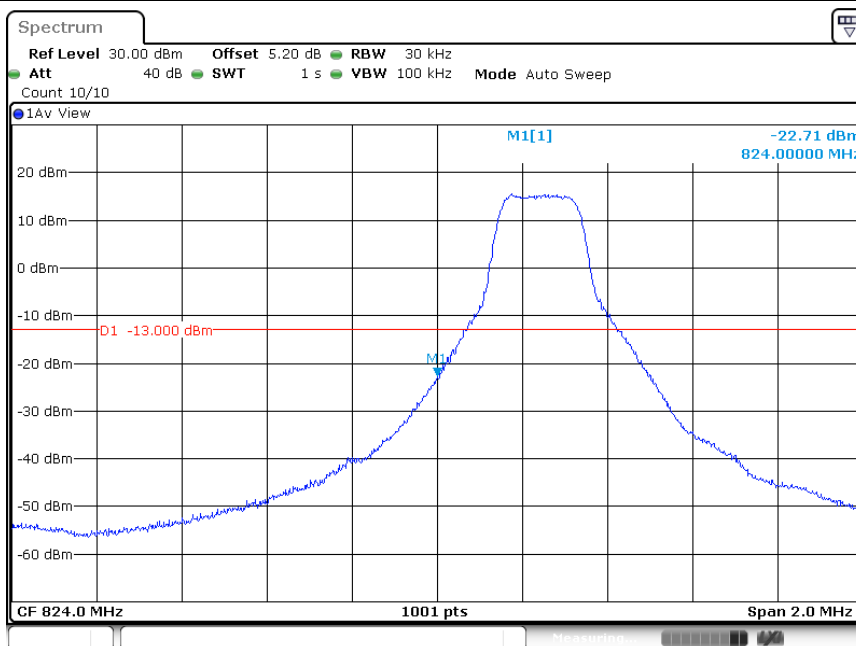


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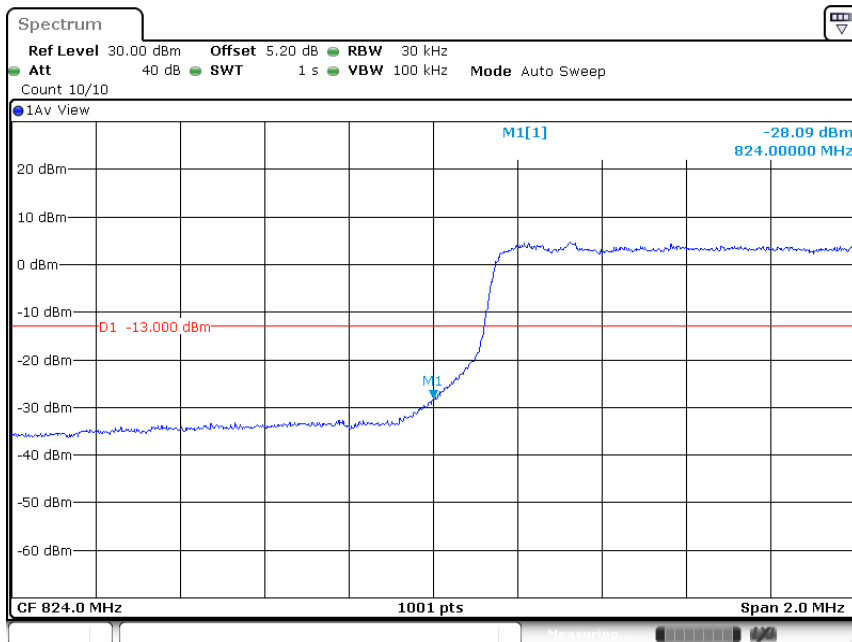
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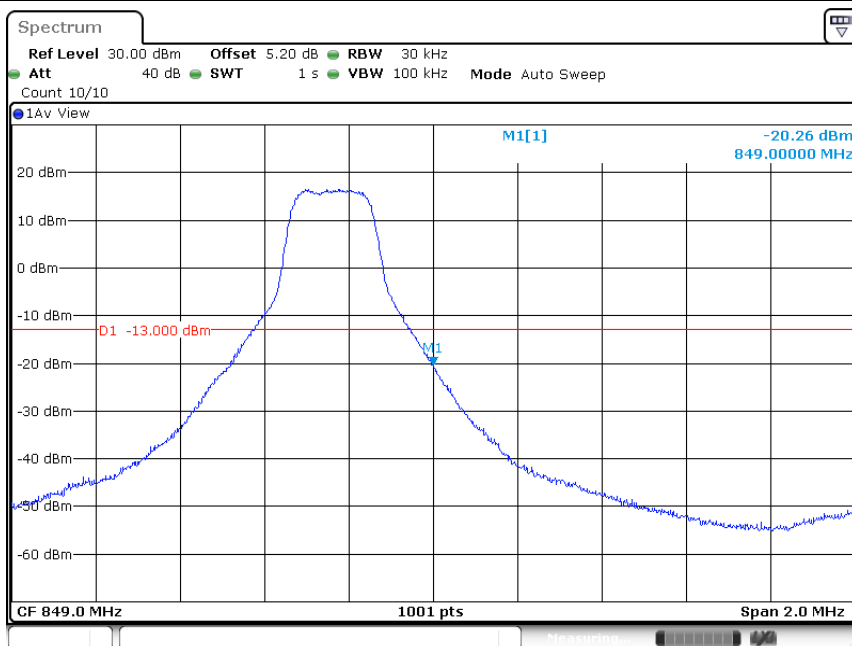


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Date: 6 DEC 2020 14:18:42

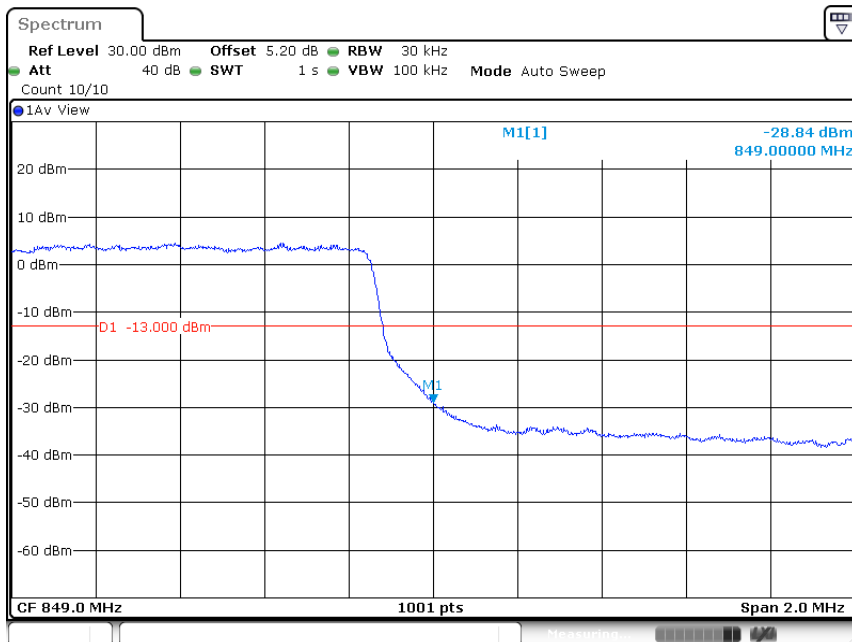
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Date: 6 DEC 2020 14:19:15

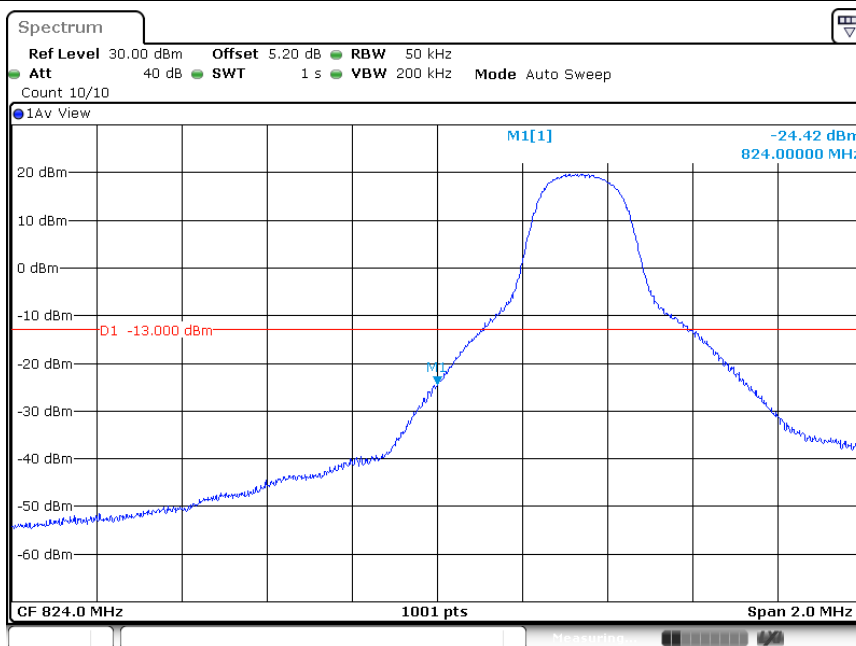


Band5-3MHz-64QAM-20635-15RB#0



Date: 6 DEC 2020 14:19:42

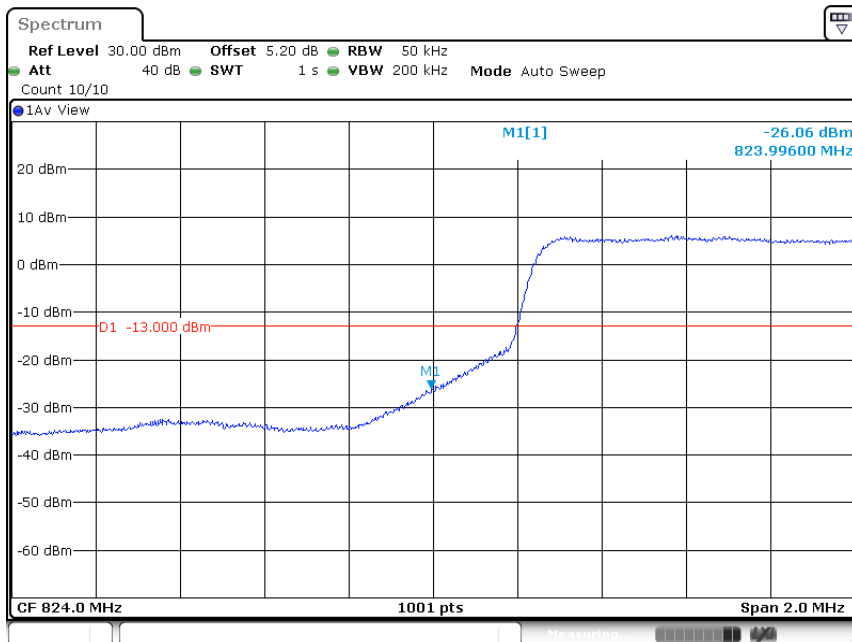
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Date: 14 DEC 2020 21:11:23

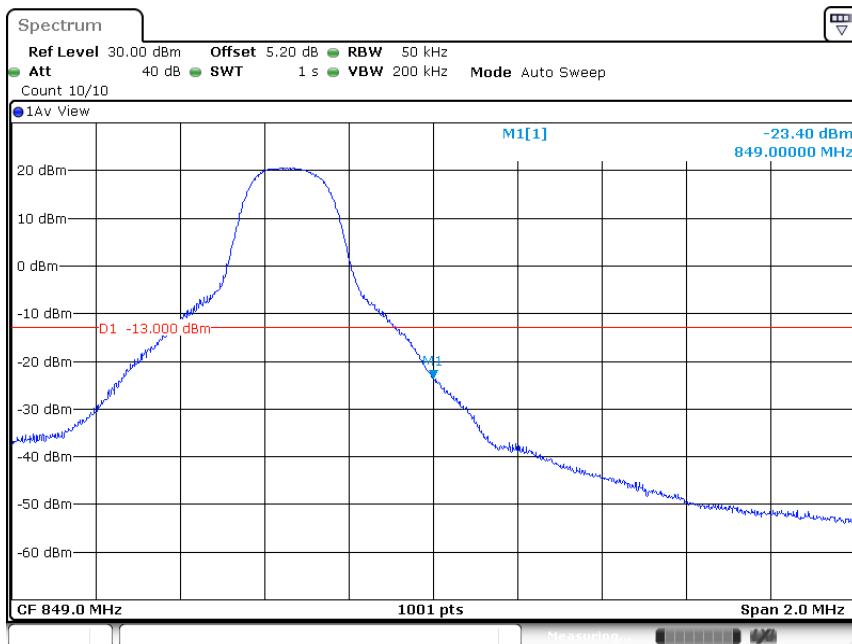


Band5-5MHz-QPSK-20425-25RB#0



Date: 6 DEC 2020 13:50:33

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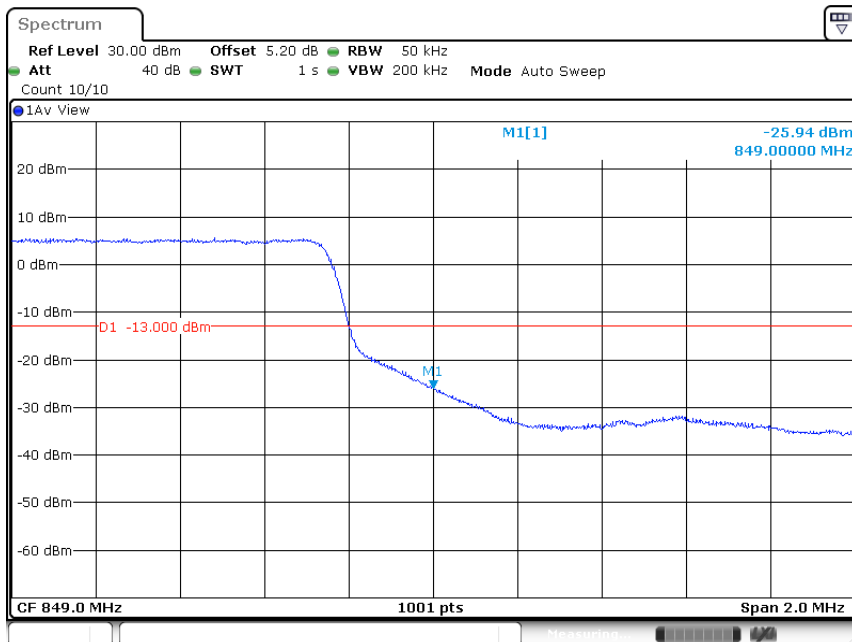
Date: 6 DEC 2020 13:51:32



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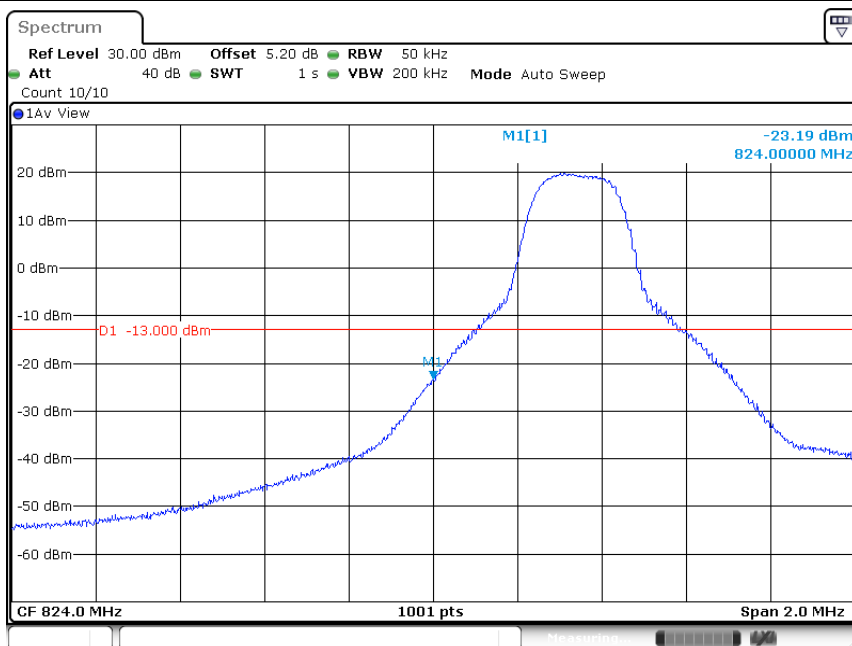
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Band5-5MHz-QPSK-20625-25RB#0



Date: 6 DEC 2020 13:52:24

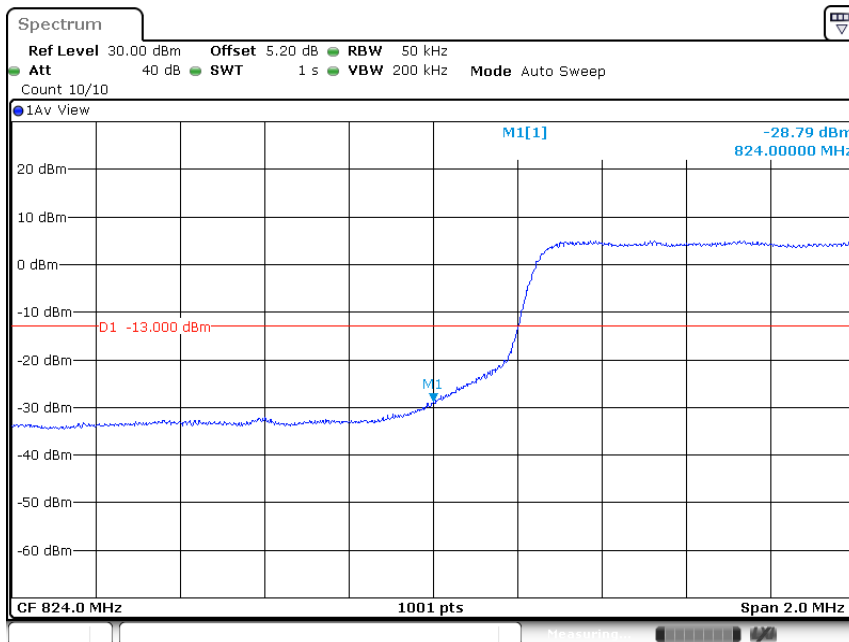
Band5-5MHz-16QAM-20425-1RB#0



Date: 6 DEC 2020 13:50:07



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



Date: 6 DEC 2020 13:50:59

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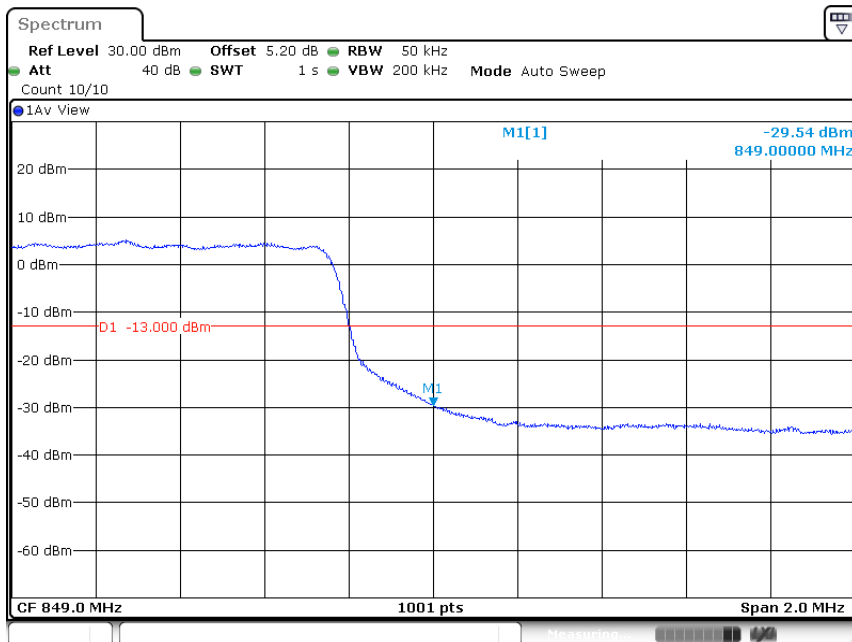


Date: 6 DEC 2020 13:51:58



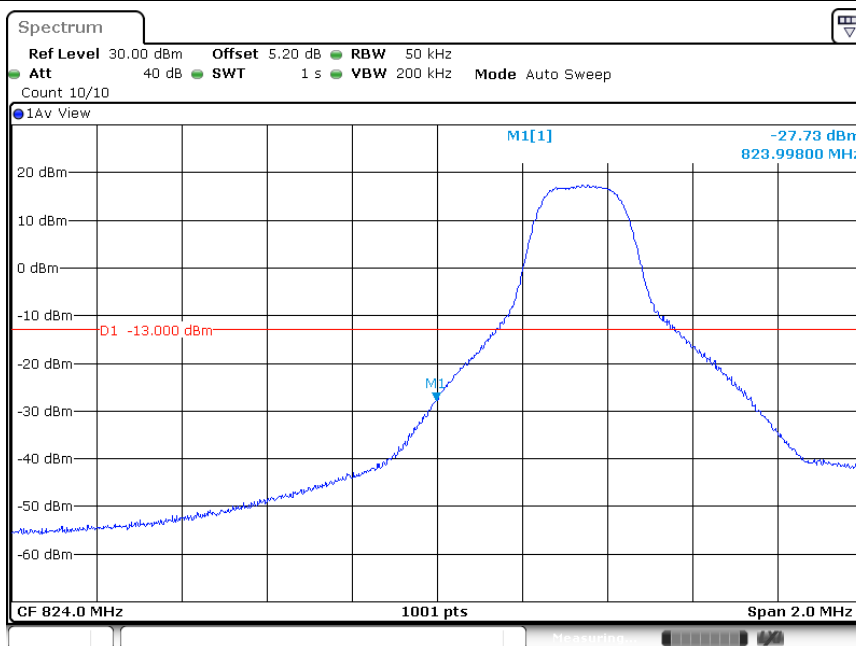
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Band5-5MHz-16QAM-20625-25RB#0



Date: 6 DEC 2020 13:52:50

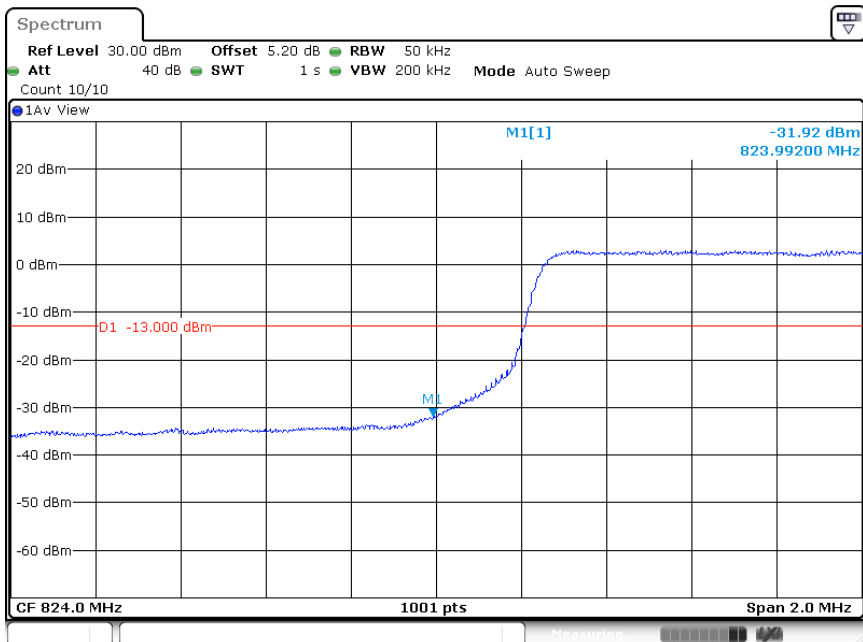
Band5-5MHz-64QAM-20425-1RB#0



Date: 14 DEC 2020 21:18:42

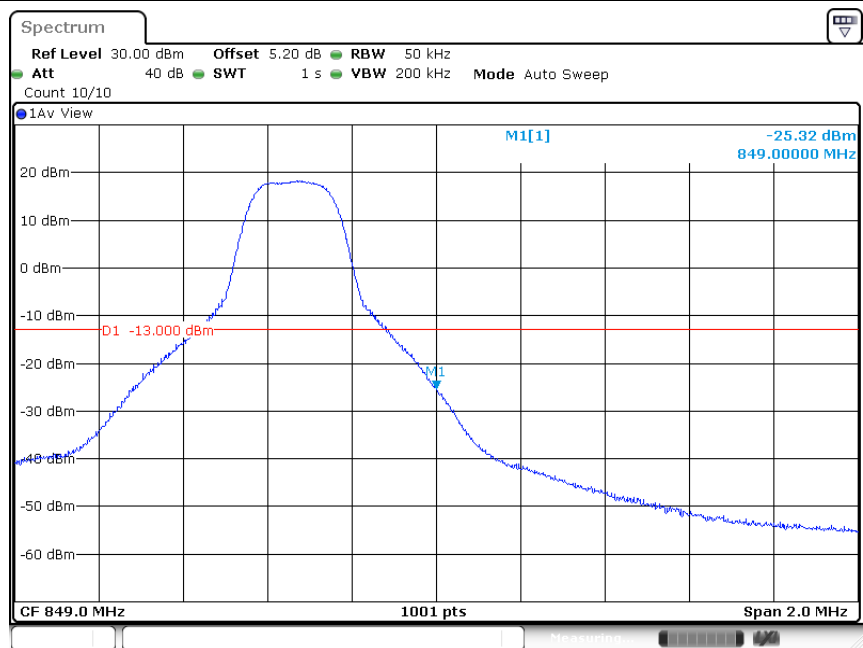


Band5-5MHz-64QAM-20425-25RB#0



Date: 14 DEC 2020 21:19:08

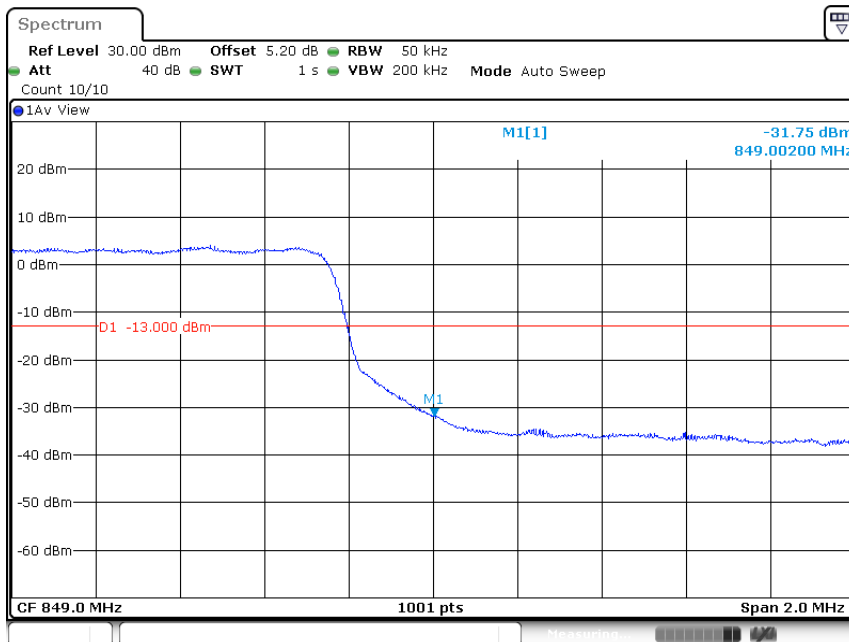
Band5-5MHz-64QAM-20625-1RB#24



Date: 6 DEC 2020 14:21:19

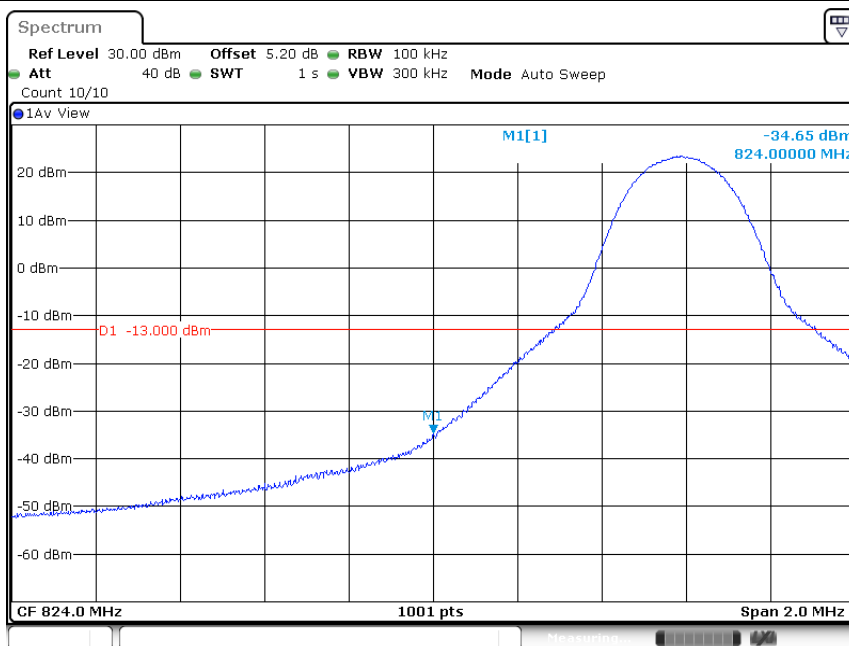


Band5-5MHz-64QAM-20625-25RB#0



Date: 6 DEC 2020 14:21:45

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



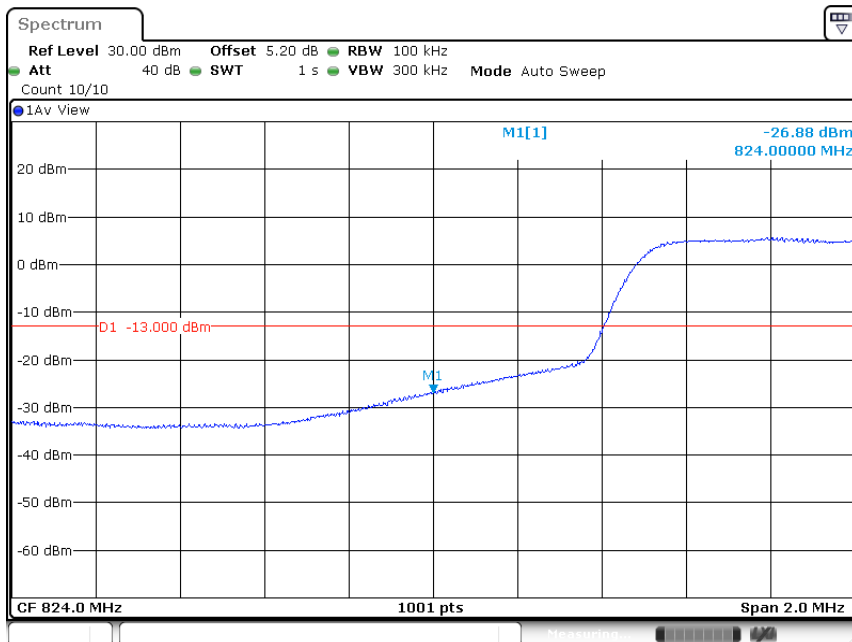
Date: 6 DEC 2020 13:55:27



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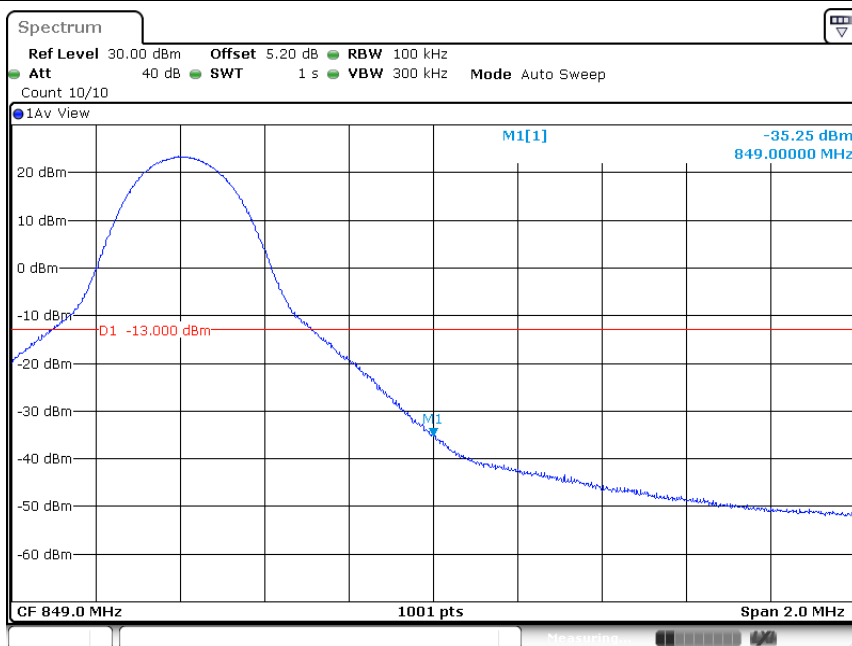
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Band5-10MHz-QPSK-20450-50RB#0



Date: 6 DEC 2020 13:56:19

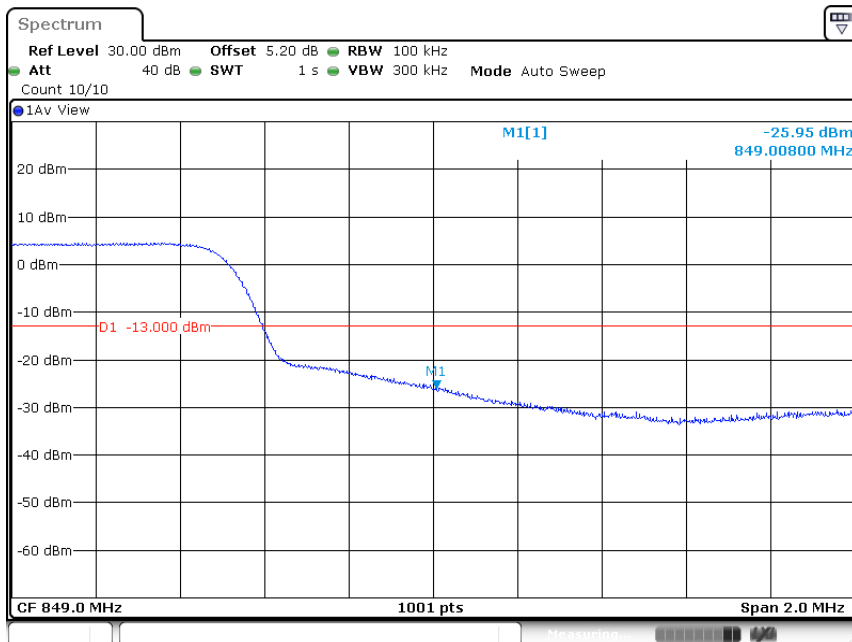
Band5-10MHz-QPSK-20600-1RB#49



Date: 6 DEC 2020 13:57:19

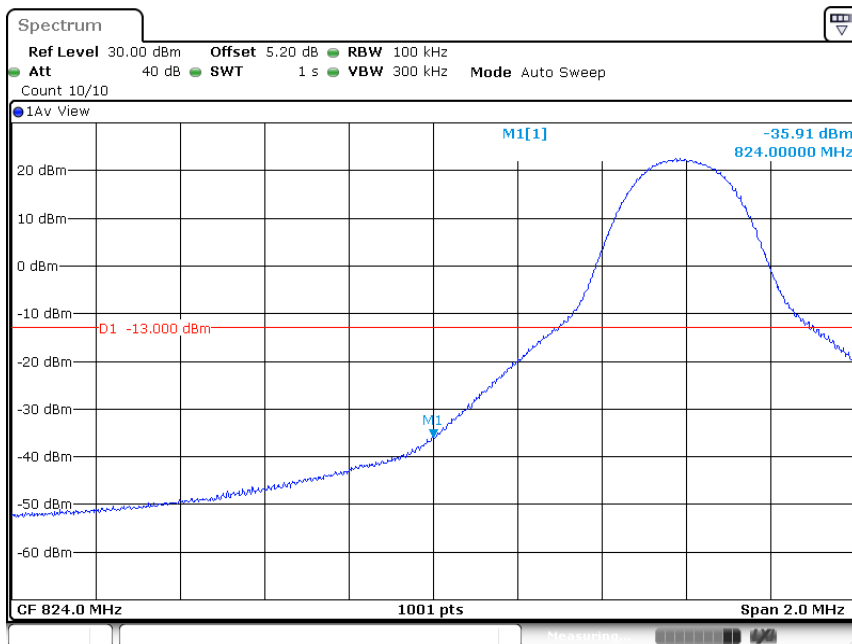


Band5-10MHz-QPSK-20600-50RB#0



Date: 6 DEC 2020 13:58:11

Band5-10MHz-16QAM-20450-1RB#0



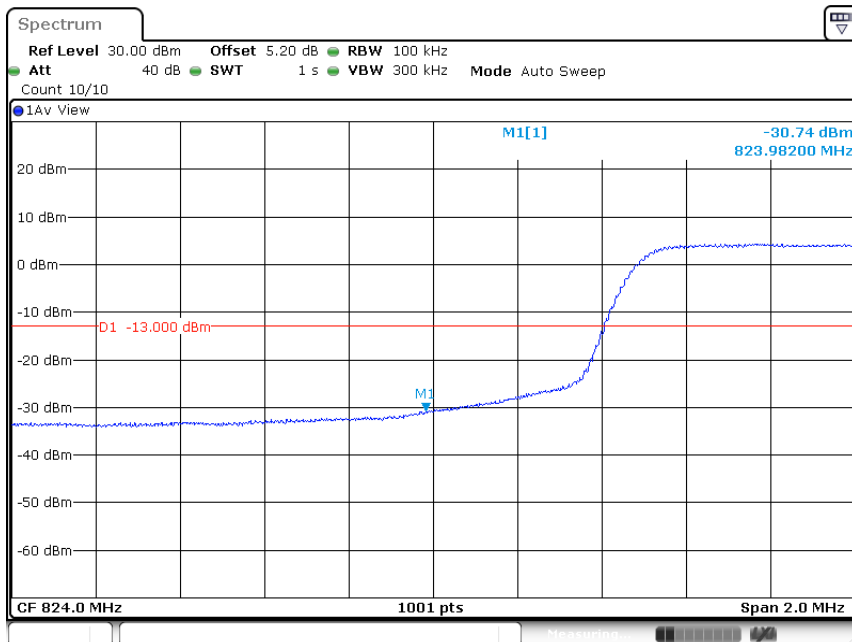
Date: 6 DEC 2020 13:55:53



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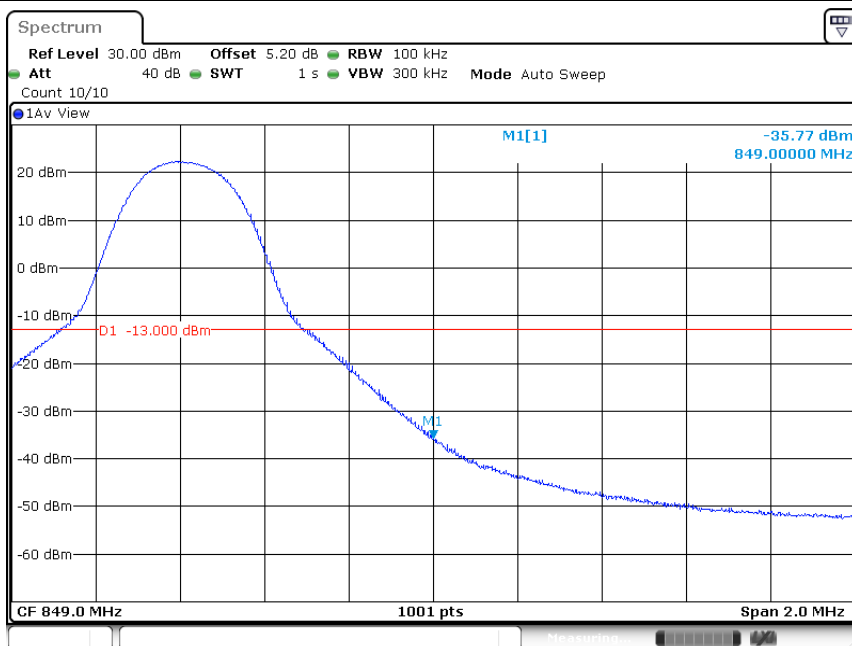
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Band5-10MHz-16QAM-20450-50RB#0



Date: 6 DEC 2020 13:56:45

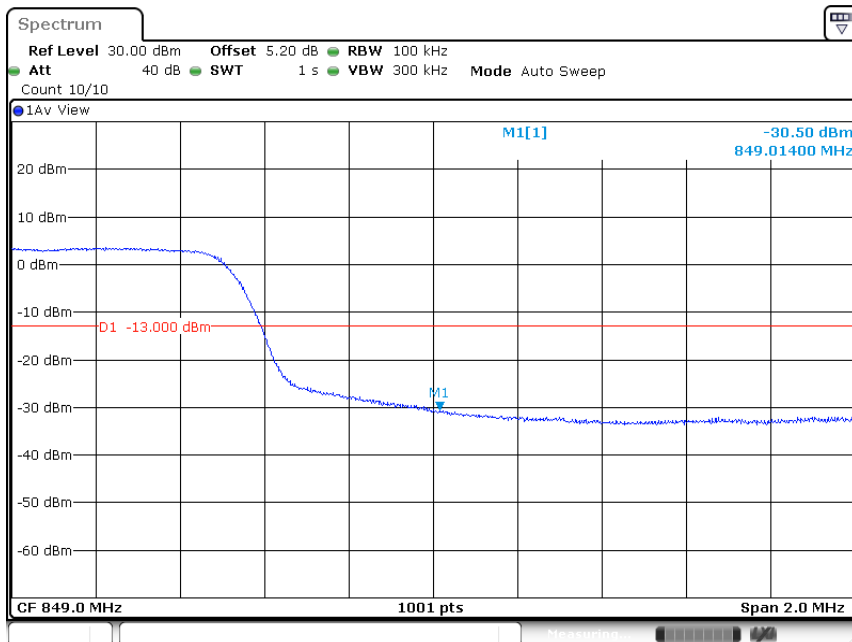
Band5-10MHz-16QAM-20600-1RB#49



Date: 6 DEC 2020 13:57:45

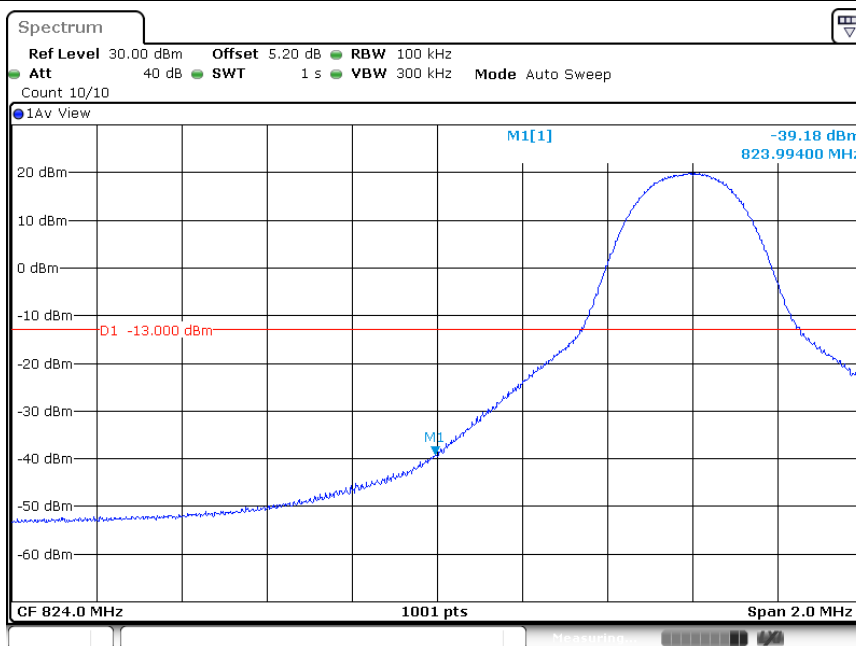


Band5-10MHz-16QAM-20600-50RB#0



Date: 6 DEC 2020 13:58:37

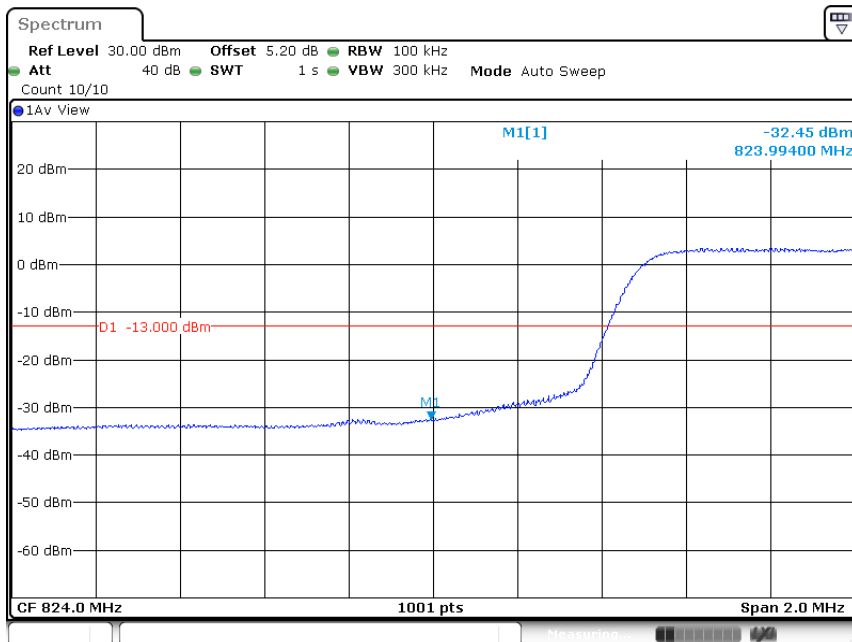
Band5-10MHz-64QAM-20450-1RB#0



Date: 14 DEC 2020 21:20:47

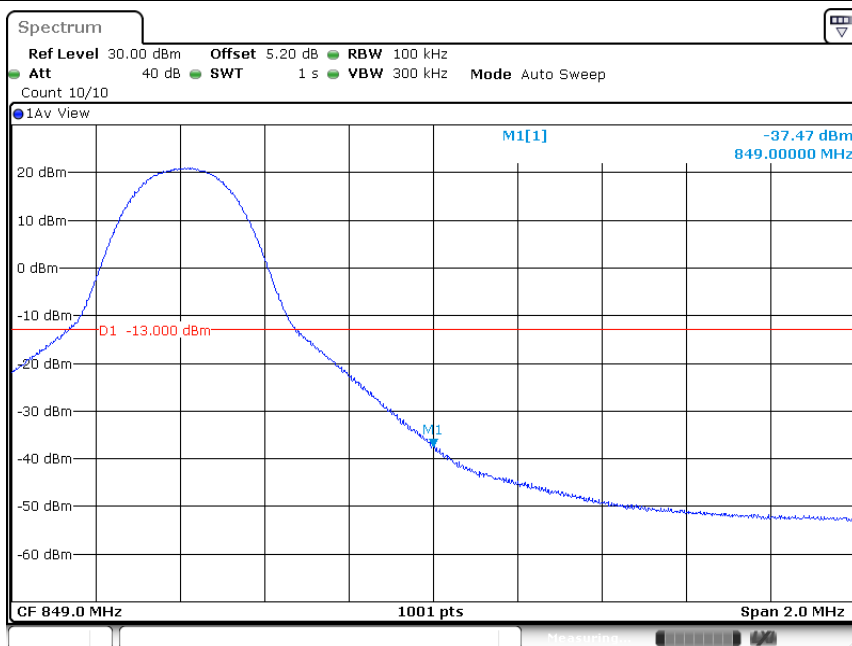


Band5-10MHz-64QAM-20450-50RB#0



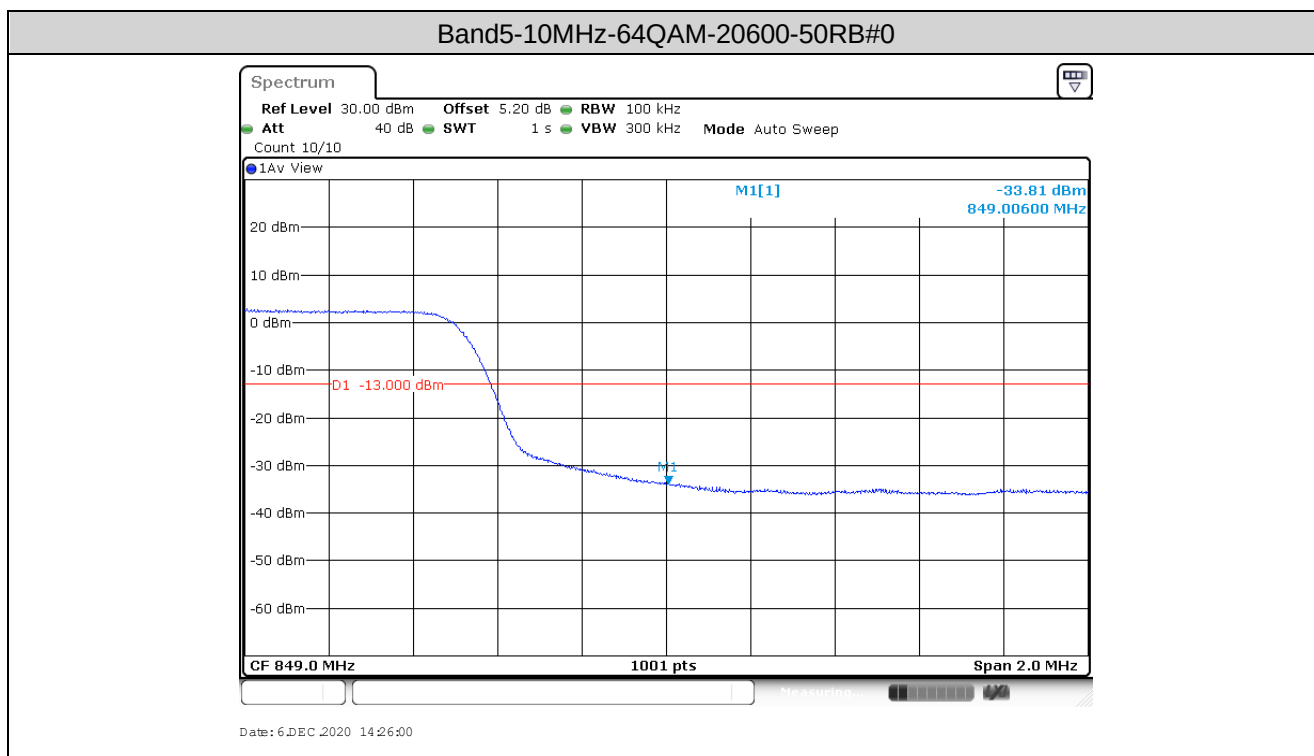
Date: 6 DEC 2020 14:25:00

Band5-10MHz-64QAM-20600-1RB#49



Date: 6 DEC 2020 14:25:34





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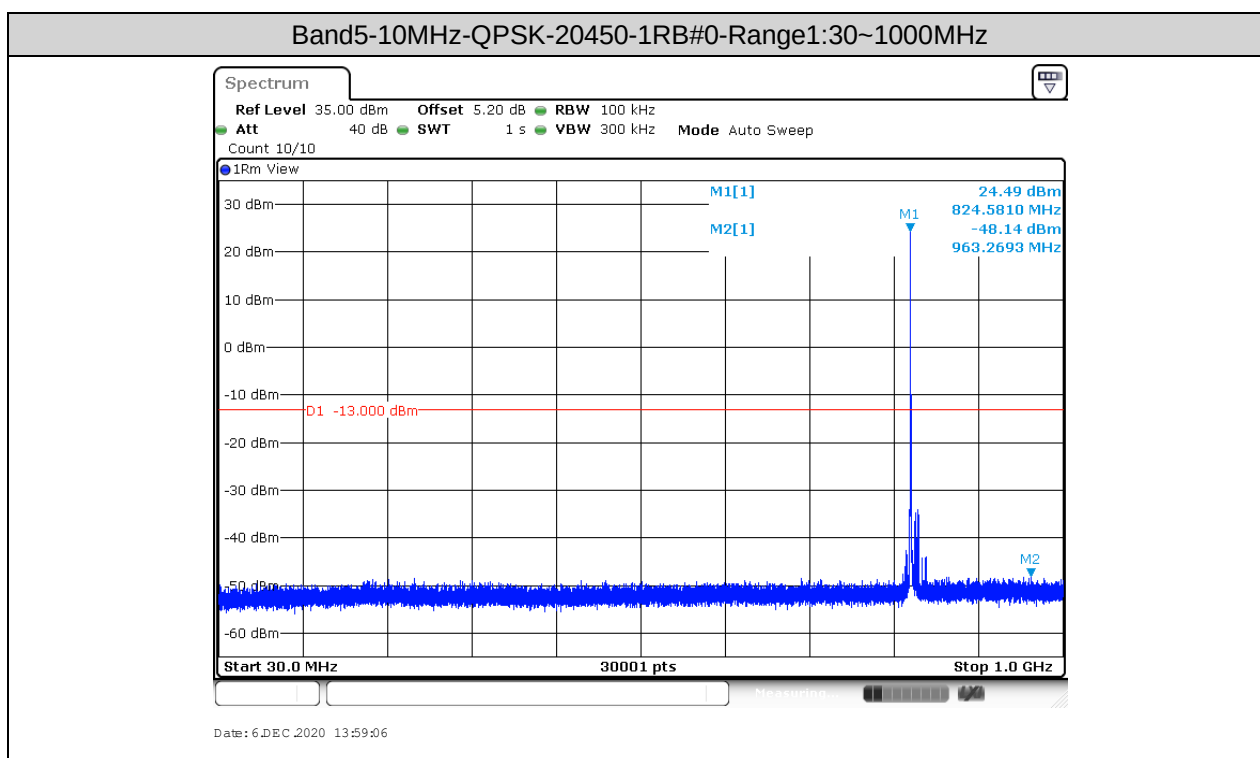
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6. Spurious Emission at Antenna Terminal

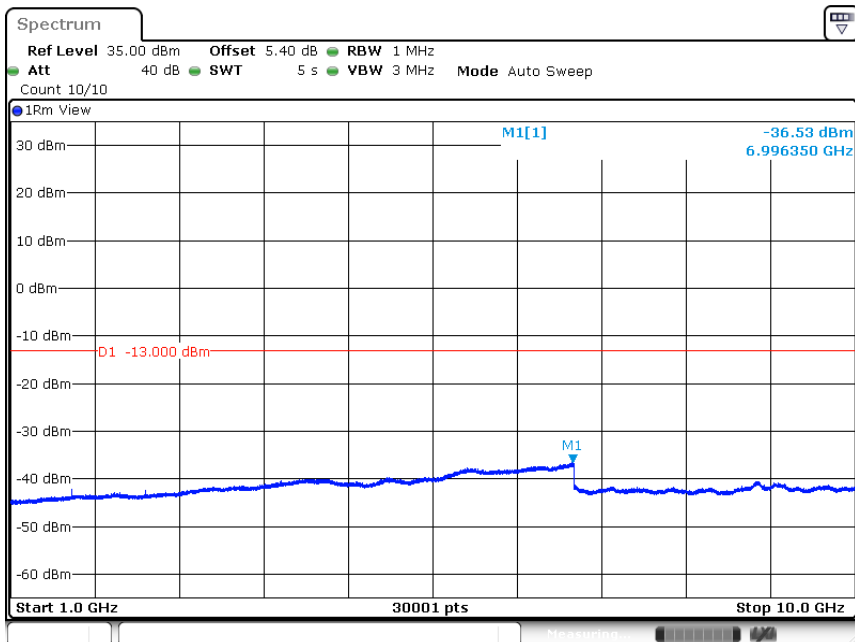
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =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

Remark2: only the worst case data displayed in this report.

6.1. Test Plots

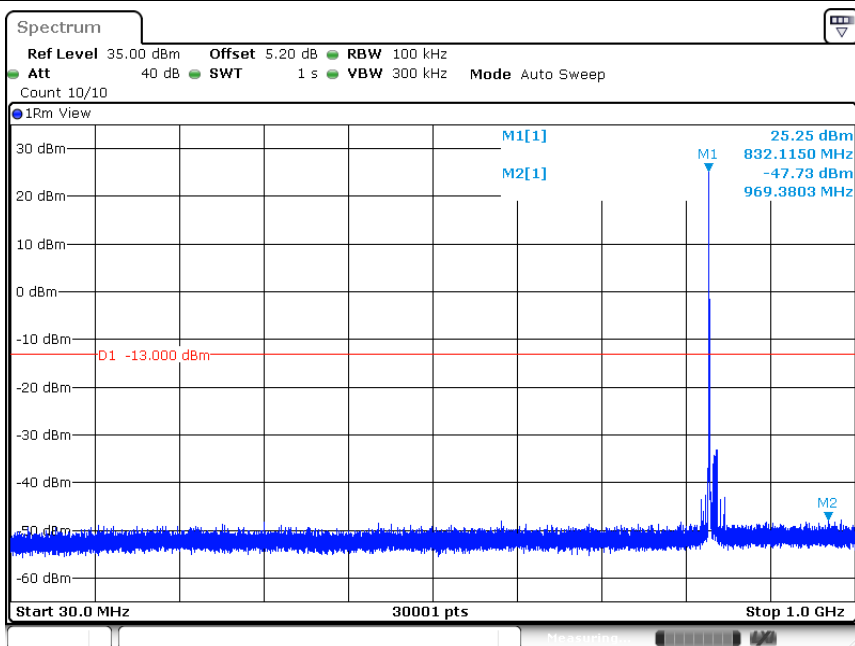


Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz



Date: 6 DEC 2020 14:00:17

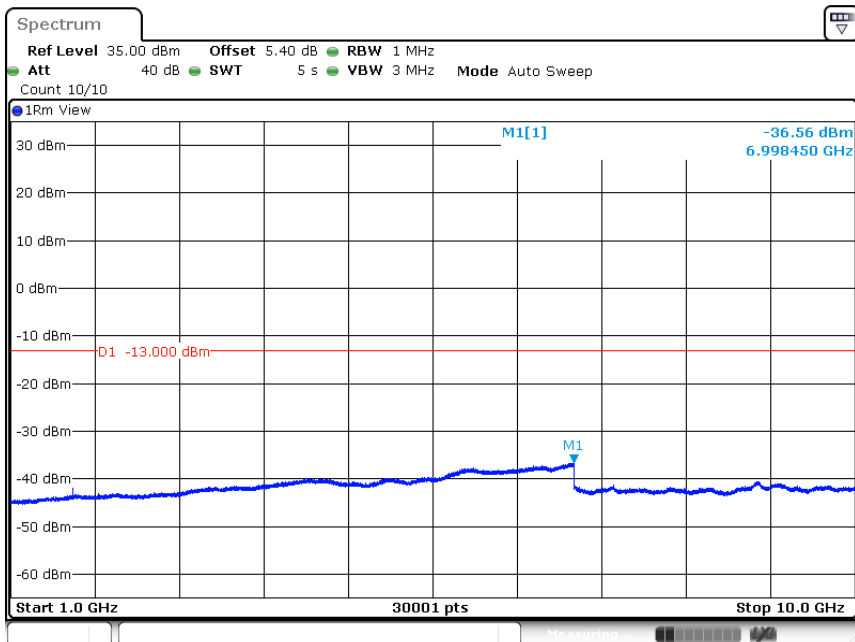
Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



Date: 6 DEC 2020 14:02:18

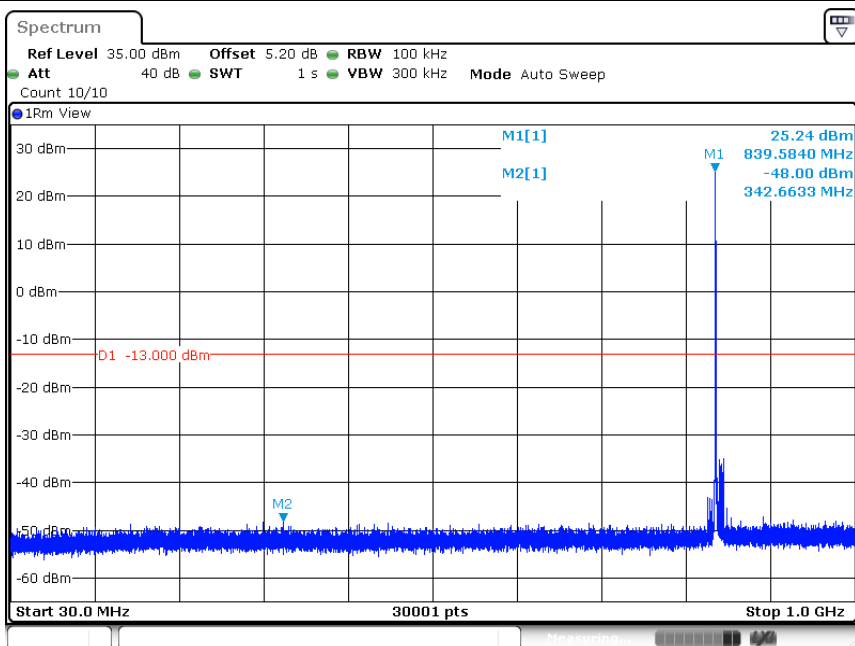


Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



Date: 6 DEC 2020 14:03:29

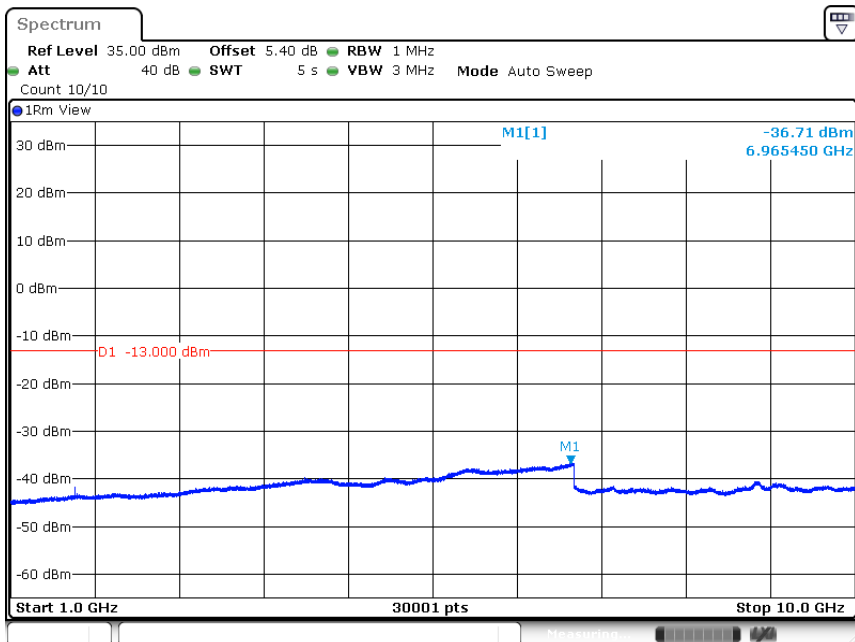
Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz



Date: 6 DEC 2020 14:05:30

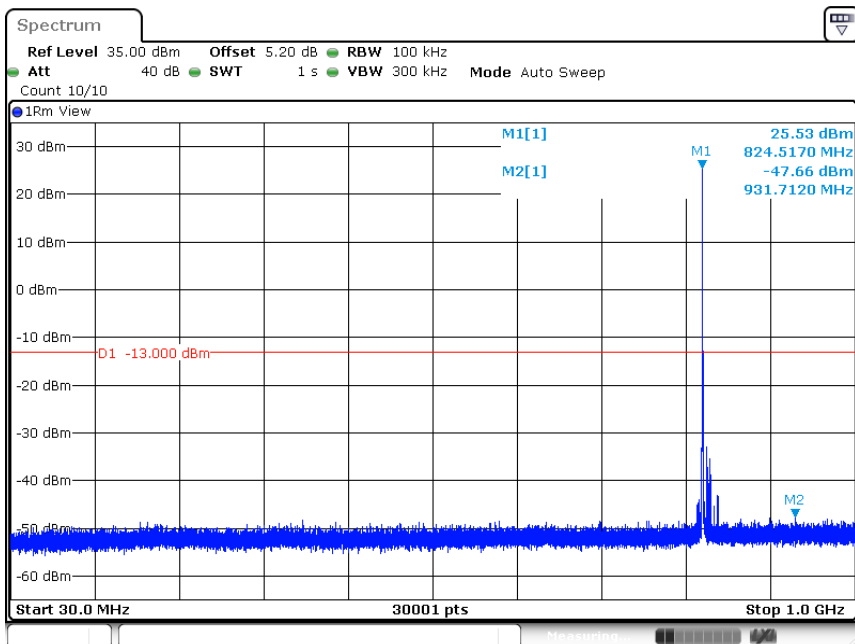


Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~10000MHz



Date: 6 DEC 2020 14:06:41

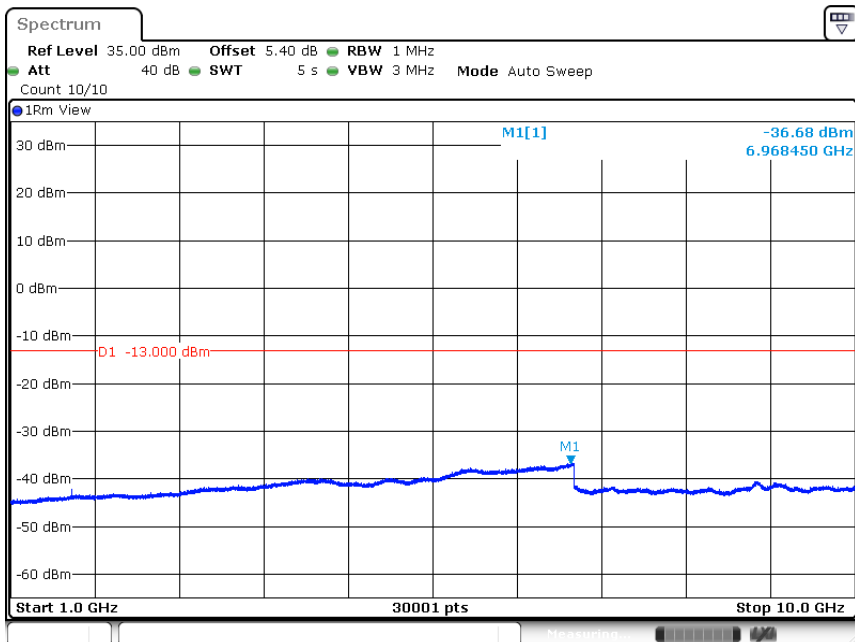
Band5-10MHz-16QAM-20450-1RB#0-Range1:30~1000MHz



Date: 6 DEC 2020 14:00:42

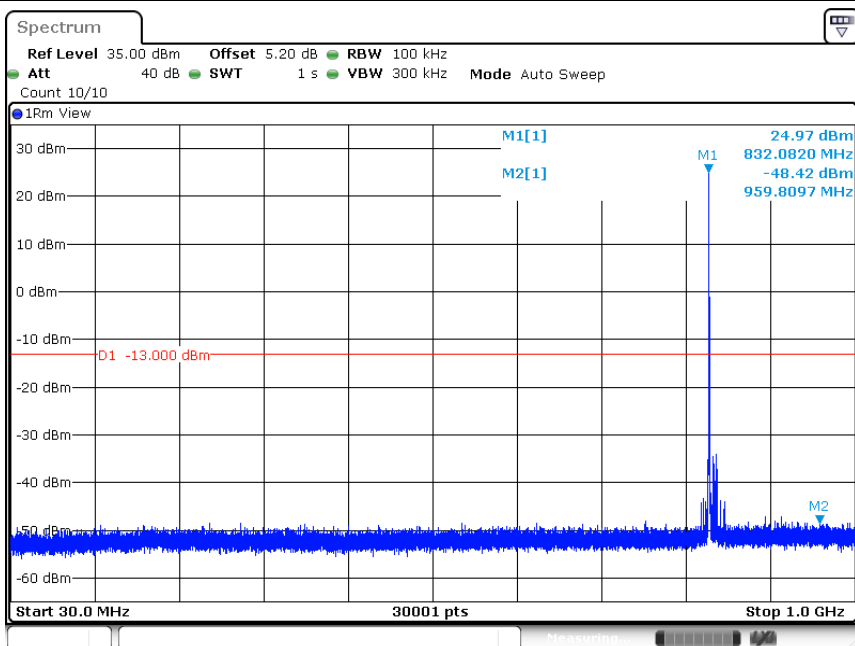


Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~10000MHz



Date: 6 DEC 2020 14:01:53

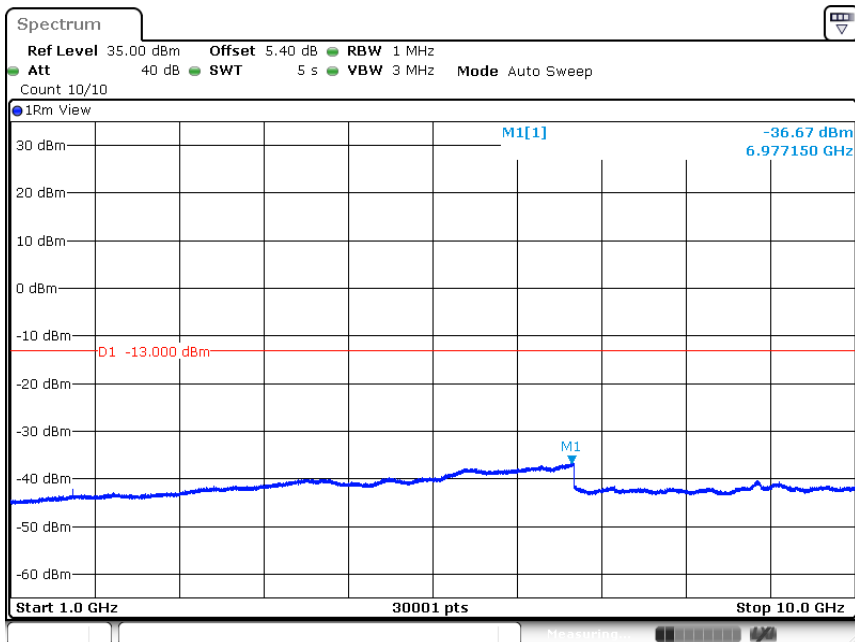
Band5-10MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



Date: 6 DEC 2020 14:03:54

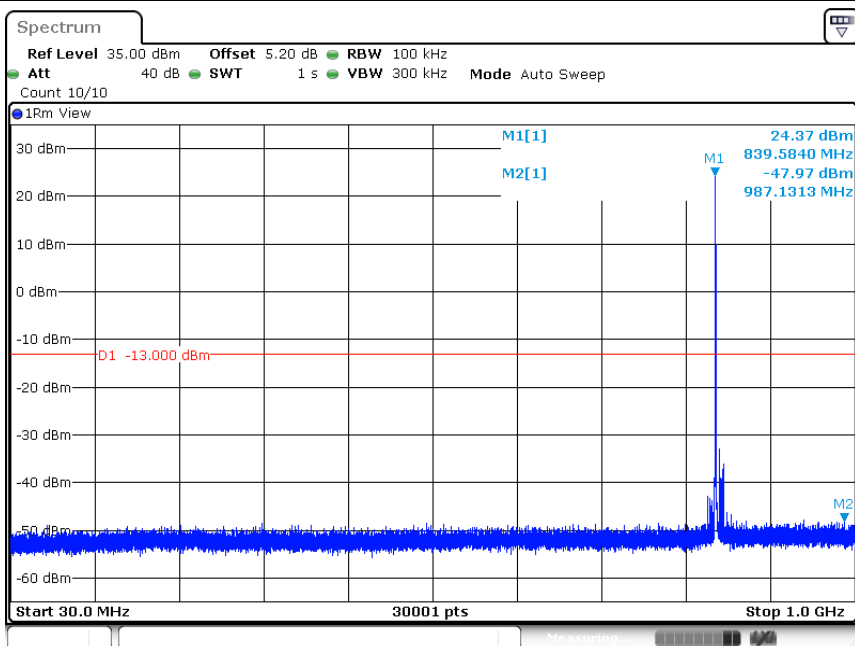


Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



Date: 6 DEC 2020 14:05:05

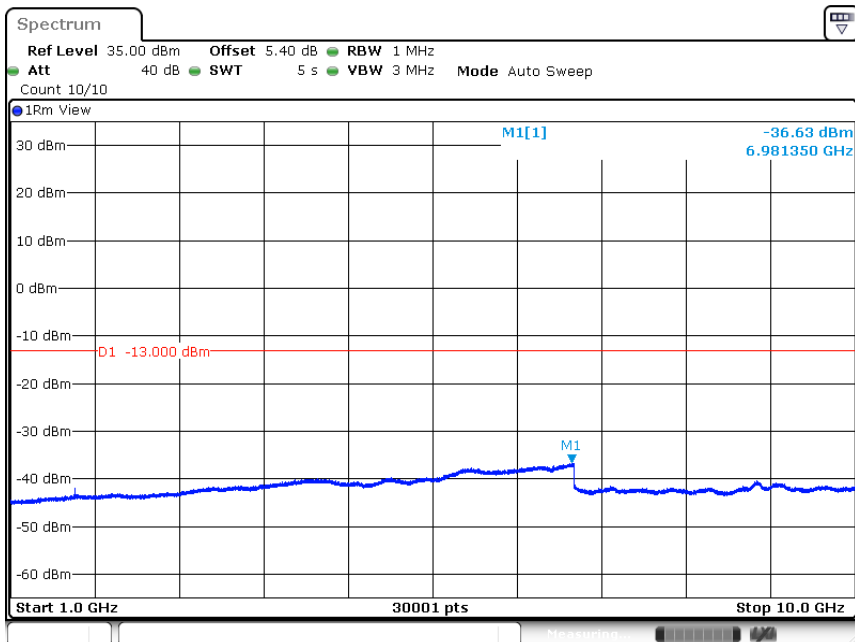
Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz



Date: 6 DEC 2020 14:07:06

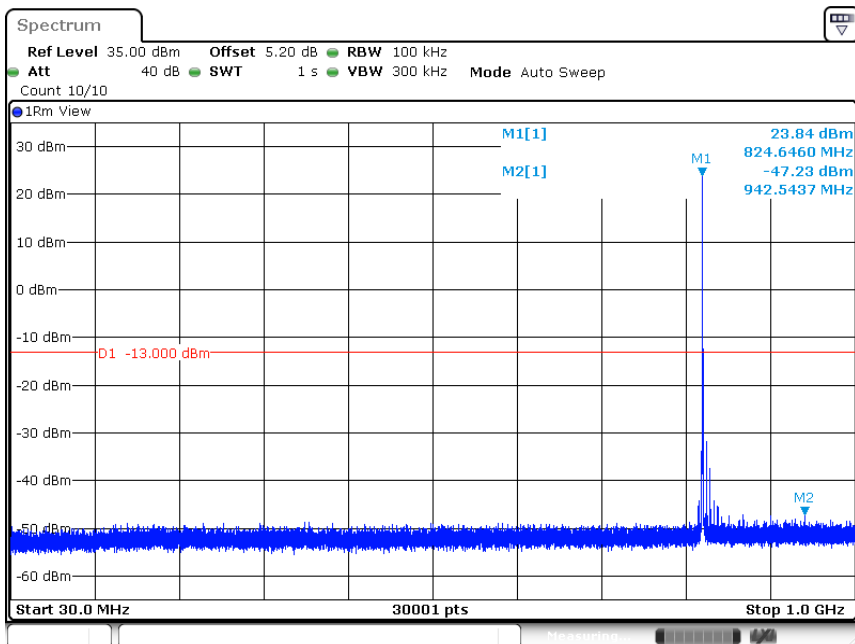


Band5-10MHz-16QAM-20600-1RB#0-Range2:1000~10000MHz



Date: 6 DEC 2020 14:08:17

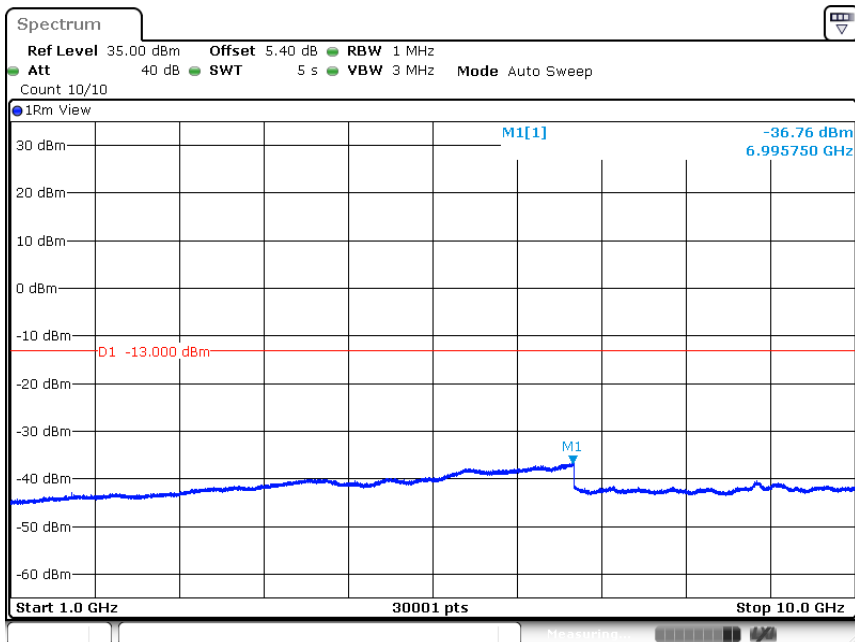
Band5-10MHz-64QAM-20450-1RB#0-Range1:30~1000MHz



Date: 6 DEC 2020 14:26:29

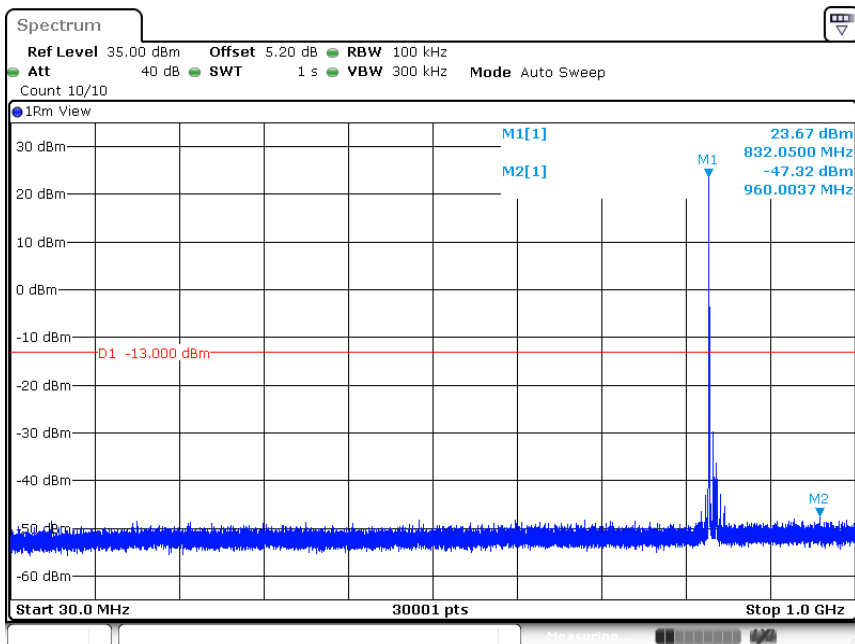


Band5-10MHz-64QAM-20450-1RB#0-Range2:1000~10000MHz



Date: 6 DEC 2020 14:27:41

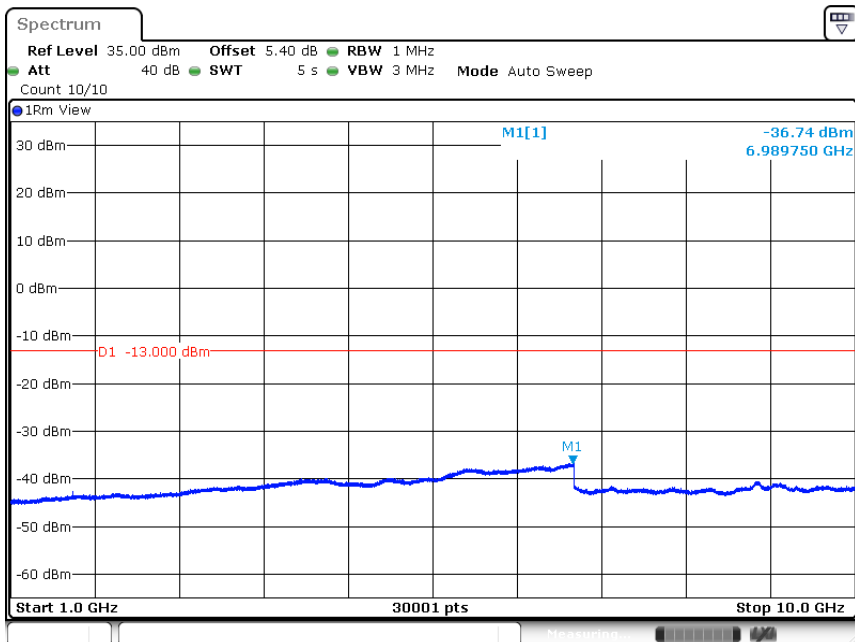
Band5-10MHz-64QAM-20525-1RB#0-Range1:30~1000MHz



Date: 6 DEC 2020 14:28:06

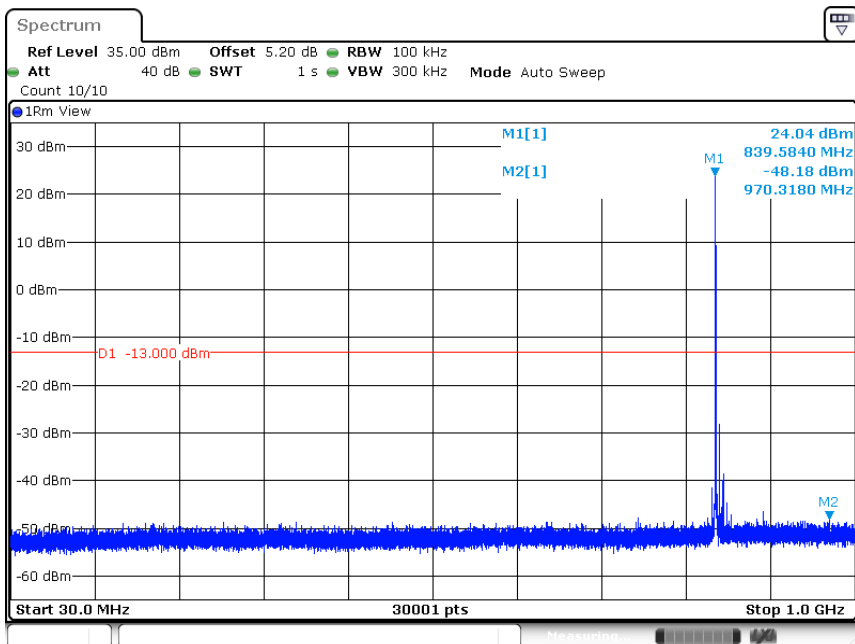


Band5-10MHz-64QAM-20525-1RB#0-Range2:1000~10000MHz



Date: 6 DEC 2020 14:29:17

Band5-10MHz-64QAM-20600-1RB#0-Range1:30~1000MHz



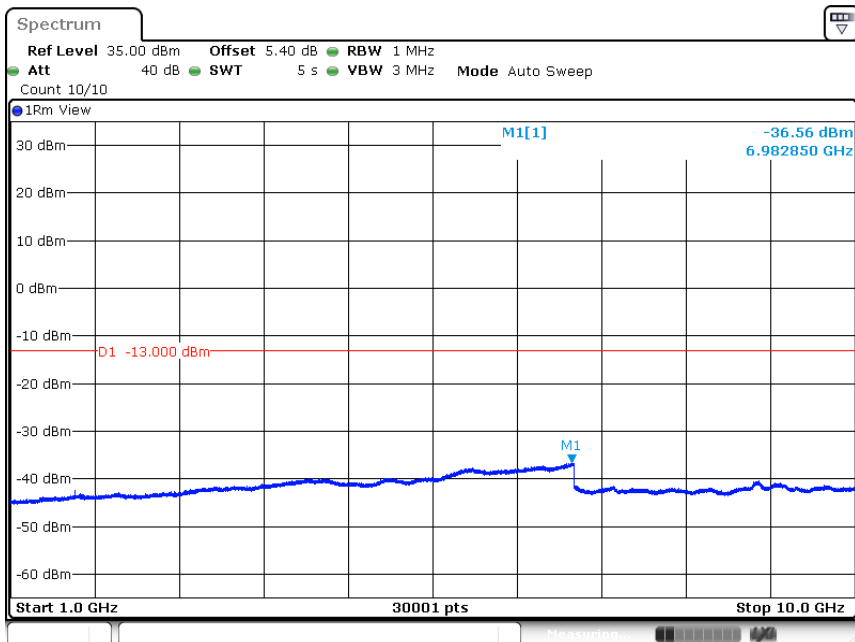
Date: 6 DEC 2020 14:29:43



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Band5-10MHz-64QAM-20600-1RB#0-Range2:1000~10000MHz



Date: 6 DEC 2020 14:30:54



7. Field Strength of Spurious Radiation

7.1. Test Band = LTE_5_TM1 CONFIG 0

7.1.1. Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.7190	-59.86	-13.00	46.86	Horizontal
2	231.3821	-65.45	-13.00	52.45	Horizontal
3	1649.3299	-54.37	-13.00	41.37	Horizontal
4	2478.6957	-52.91	-13.00	39.91	Horizontal
5	5094.7032	-60.71	-13.00	47.71	Horizontal
6	9306.2769	-51.85	-13.00	38.85	Horizontal



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7.2. Test Band = LTE_5_TM1 CONFIG 0

7.2.1. Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	111.3386	-61.93	-13.00	48.93	Vertical
2	373.9792	-65.59	-13.00	52.59	Vertical
3	1648.9298	-61.73	-13.00	48.73	Vertical
4	3000.0000	-55.52	-13.00	42.52	Vertical
5	5079.3026	-61.18	-13.00	48.18	Vertical
6	9781.3594	-51.35	-13.00	38.35	Vertical



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7.3. Test Band = LTE_5_TM1 CONFIG 0**7.3.1. Test Channel = Mid Channel**

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.2711	-61.38	-13.00	48.38	Horizontal
2	236.0383	-64.53	-13.00	51.53	Horizontal
3	1664.1328	-58.10	-13.00	45.10	Horizontal
4	2629.1258	-55.12	-13.00	42.12	Horizontal
5	5156.3052	-60.78	-13.00	47.78	Horizontal
6	9314.2105	-52.37	-13.00	39.37	Horizontal



7.4. Test Band = LTE_5_TM1 CONFIG 0

7.4.1. Test Channel = Mid Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	110.3685	-61.02	-13.00	48.02	Vertical
2	335.2258	-65.99	-13.00	52.99	Vertical
3	1764.1528	-57.59	-13.00	44.59	Vertical
4	3000.0000	-55.47	-13.00	42.47	Vertical
5	5042.6681	-61.45	-13.00	48.45	Vertical
6	9883.5628	-51.61	-13.00	38.61	Vertical



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7.5. Test Band = LTE_5_TM1 CONFIG 0

7.5.1. Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	45.4238	-61.50	-13.00	48.50	Horizontal
2	243.0712	-64.83	-13.00	51.83	Horizontal
3	1678.9358	-60.55	-13.00	47.55	Horizontal
4	2480.2961	-53.44	-13.00	40.44	Horizontal
5	5133.4378	-61.42	-13.00	48.42	Horizontal
6	9327.2776	-52.20	-13.00	39.20	Horizontal



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7.6. Test Band = LTE_5_TM1 CONFIG 0

7.6.1. Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	113.2787	-61.71	-13.00	48.71	Vertical
2	334.8377	-65.75	-13.00	52.75	Vertical
3	1763.7528	-52.31	-13.00	39.31	Vertical
4	2479.8960	-53.51	-13.00	40.51	Vertical
5	5069.7357	-61.49	-13.00	48.49	Vertical
6	9302.5434	-51.56	-13.00	38.56	Vertical



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7.7. Test Band = LTE_5_TM1 CONFIG 1

7.7.1. Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.0771	-61.27	-13.00	48.27	Horizontal
2	240.5975	-64.40	-13.00	51.40	Horizontal
3	501.3466	-62.72	-13.00	49.72	Horizontal
4	1648.9298	-60.86	-13.00	47.86	Horizontal
5	2707.1414	-55.56	-13.00	42.56	Horizontal
6	9303.2434	-52.51	-13.00	39.51	Horizontal



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7.8. Test Band = LTE_5_TM1 CONFIG 1

7.8.1. Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	48.1884	-69.76	-13.00	56.76	Vertical
2	113.8607	-61.11	-13.00	48.11	Vertical
3	388.5299	-64.86	-13.00	51.86	Vertical
4	3000.0000	-54.68	-13.00	41.68	Vertical
5	5126.9042	-61.29	-13.00	48.29	Vertical
6	9921.5974	-52.13	-13.00	39.13	Vertical



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7.9. Test Band = LTE_5_TM1 CONFIG 1

7.9.1. Test Channel = Mid Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.3567	-60.80	-13.00	47.80	Horizontal
2	235.0683	-64.28	-13.00	51.28	Horizontal
3	501.3466	-63.04	-13.00	50.04	Horizontal
4	1664.1328	-62.20	-13.00	49.20	Horizontal
5	3000.0000	-55.25	-13.00	42.25	Horizontal
6	9557.3519	-52.45	-13.00	39.45	Horizontal



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7.10. Test Band = LTE_5_TM1 CONFIG 1

7.10.1. Test Channel = Mid Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	50.2740	-70.14	-13.00	57.14	Vertical
2	112.9876	-60.64	-13.00	47.64	Vertical
3	406.0393	-64.31	-13.00	51.31	Vertical
4	2416.6833	-56.36	-13.00	43.36	Vertical
5	5142.7714	-61.72	-13.00	48.72	Vertical
6	9893.8298	-52.12	-13.00	39.12	Vertical



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7.11. Test Band = LTE_5_TM1 CONFIG 1

7.11.1. Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.2526	-60.71	-13.00	47.71	Horizontal
2	235.3108	-64.40	-13.00	51.40	Horizontal
3	432.9096	-64.14	-13.00	51.14	Horizontal
4	2699.5399	-55.59	-13.00	42.59	Horizontal
5	5048.0349	-61.41	-13.00	48.41	Horizontal
6	9320.9774	-52.08	-13.00	39.08	Horizontal



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7.12. Test Band = LTE_5_TM1 CONFIG 1

7.12.1. Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	49.2555	-69.84	-13.00	56.84	Vertical
2	110.3200	-61.83	-13.00	48.83	Vertical
3	463.0297	-63.33	-13.00	50.33	Vertical
4	1761.3523	-60.42	-13.00	47.42	Vertical
5	3000.0000	-55.22	-13.00	42.22	Vertical
6	9871.4290	-51.79	-13.00	38.79	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.





8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-6.60	-0.007961	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-0.80	-0.000965	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	1.00	0.001206	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-4.30	-0.005140	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	0.80	0.000956	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	1.40	0.001674	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	2.40	0.002844	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	0.70	0.000829	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-2.30	-0.002725	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	-3.90	-0.004704	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-4.30	-0.005187	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-3.30	-0.003981	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-6.30	-0.007531	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-2.60	-0.003108	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	2.80	0.003347	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	0.00	0.000000	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	2.00	0.002370	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	1.20	0.001422	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VL	NT	-2.00	-0.002413	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VN	NT	-3.70	-0.004463	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VH	NT	-0.10	-0.000121	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VL	NT	-0.80	-0.000956	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VN	NT	-4.70	-0.005619	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VH	NT	-0.80	-0.000956	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VL	NT	-4.60	-0.005450	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VN	NT	-1.90	-0.002251	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VH	NT	-1.20	-0.001422	±2.5	PASS





8.2. Frequency Vs Temperature

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	2.40	0.002895	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	0.50	0.000603	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-10	-1.10	-0.001327	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-5.30	-0.006393	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-2.00	-0.002413	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-3.40	-0.004101	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-0.30	-0.000362	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-1.10	-0.001327	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-10.70	-0.012907	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-0.90	-0.001076	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	0.70	0.000837	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-3.40	-0.004065	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-3.40	-0.004065	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-2.90	-0.003467	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-0.20	-0.000239	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-4.10	-0.004901	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-0.90	-0.001076	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-5.40	-0.006455	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-0.30	-0.000355	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	0.80	0.000948	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	0.80	0.000948	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-5.60	-0.006635	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-5.30	-0.006280	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	0.00	0.000000	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	-0.50	-0.000592	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-0.10	-0.000118	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-3.30	-0.003910	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-1.40	-0.001689	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	-2.70	-0.003257	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-10	-3.60	-0.004343	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-1.20	-0.001448	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-2.90	-0.003498	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	-3.70	-0.004463	±2.5	PASS



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Band5	10MHz	16QAM	20450	50RB#0	NV	30	-1.60	-0.001930	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	-5.50	-0.006634	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	-1.50	-0.001809	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-5.80	-0.006934	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	-2.80	-0.003347	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-10	-6.90	-0.008249	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	-1.90	-0.002271	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-4.90	-0.005858	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	3.70	0.004423	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	0.70	0.000837	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	-1.30	-0.001554	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	-6.60	-0.007890	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	0.50	0.000592	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-5.70	-0.006754	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-10	1.60	0.001896	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-1.70	-0.002014	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	-6.00	-0.007109	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-1.80	-0.002133	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	2.60	0.003081	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	-0.60	-0.000711	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	1.70	0.002014	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-30	1.60	0.001930	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-20	-2.30	-0.002774	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-10	-3.70	-0.004463	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	0	-1.00	-0.001206	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	10	0.70	0.000844	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	20	3.90	0.004704	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	30	-1.50	-0.001809	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	40	-3.40	-0.004101	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	50	-4.40	-0.005308	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-30	-3.80	-0.004543	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-20	0.10	0.000120	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-10	-3.40	-0.004065	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	0	-5.90	-0.007053	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	10	-5.90	-0.007053	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	20	0.40	0.000478	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	30	-7.10	-0.008488	±2.5	PASS



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Band5	10MHz	64QAM	20525	50RB#0	NV	40	-0.20	-0.000239	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	50	-7.30	-0.008727	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-30	-1.20	-0.001422	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-20	-3.40	-0.004028	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-10	-1.60	-0.001896	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	0	-2.20	-0.002607	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	10	0.70	0.000829	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	20	3.10	0.003673	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	30	-0.60	-0.000711	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	40	3.70	0.004384	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	50	-2.60	-0.003081	±2.5	PASS

The End

