



Appendix B

E-UTRA Band 5



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CONTENT

1 EFFECTIVE (ISOTROPIC) RADIATED POWER	4
1.1. TEST RESULT (UP ANTENNA).....	4
1.2. TEST RESULT (DOWN ANTENNA)	12
2. PEAK-TO-AVERAGE RATIO (CCDF).....	20
2.1. TEST RESULT	20
2.2. TEST PLOTS.....	20
3. MODULATION CHARACTERISTICS.....	25
3.1. TEST MODE = LTE /TM1 10MHZ.....	25
3.1.1. TEST CHANNEL = MCH	25
3.2. TEST MODE = LTE /TM2 10MHZ.....	26
3.2.1. TEST CHANNEL = MCH	26
3.3. TEST MODE = LTE /TM3 10MHZ.....	27
3.3.1. TEST CHANNEL = MCH	27
4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH	28
4.1. TEST RESULT	28
4.2. TEST PLOTS.....	29
5. BAND EDGE COMPLIANCE	47
5.1. TEST PLOTS.....	47
6. SPURIOUS EMISSION AT ANTENNA TERMINAL	71
6.1. TEST PLOTS.....	71
7. FIELD STRENGTH OF SPURIOUS RADIATION	80
7.1. TEST MODE =LTE/TM1 10MHZ(DOWN ANTENNA)	80
7.1.1. TEST CHANNEL = LCH	80
7.1.2. TEST CHANNEL = MCH	80
7.1.3. TEST CHANNEL = HCH	81
7.2. TEST MODE =LTE/TM1 10MHZ(UP ANTENNA)	81
7.2.1. TEST CHANNEL = LCH	81
7.2.2. TEST CHANNEL = MCH	82
7.2.3. TEST CHANNEL = HCH	82



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8. FREQUENCY STABILITY	83
8.1. FREQUENCY VS VOLTAGE	83
8.2. FREQUENCY VS TEMPERATURE	83



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1 Effective (Isotropic) Radiated Power

1.1. Test Result (Up Antenna)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.11	22.76	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.22	22.87	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.04	22.69	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.15	22.8	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.17	22.82	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.08	22.73	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.22	21.87	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.03	22.68	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.09	22.74	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.95	22.6	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.08	22.73	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.06	22.71	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.11	22.76	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.12	21.77	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.92	22.57	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.92	22.57	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.73	22.38	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.97	22.62	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	22.94	22.59	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.86	22.51	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.04	21.69	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	21.81	21.46	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	21.24	20.89	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	21.35	21	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	21.27	20.92	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	21.26	20.91	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	21.24	20.89	38.45	PASS



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Band5	1.4MHz	64QAM	20407	6RB#0	20.54	20.19	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	21.40	21.05	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	21.28	20.93	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	21.18	20.83	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	21.17	20.82	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	21.09	20.74	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	21.18	20.83	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.10	19.75	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.46	21.11	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	21.53	21.18	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.40	21.05	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	21.00	20.65	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	20.99	20.64	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	20.85	20.5	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.42	20.07	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.77	22.42	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.20	21.85	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.37	22.02	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.28	21.93	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.24	21.89	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.23	21.88	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.25	20.9	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.35	22	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.26	21.91	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.22	21.87	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.13	21.78	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.10	21.75	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.19	21.84	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.26	20.91	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.47	22.12	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.53	22.18	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.44	22.09	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.00	21.65	38.45	PASS





Band5	1.4MHz	16QAM	20643	3RB#1	22.01	21.66	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.82	21.47	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.05	20.7	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.21	22.86	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.18	22.83	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.13	22.78	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.30	21.95	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.28	21.93	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.19	21.84	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.22	21.87	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.09	22.74	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.22	22.87	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.04	22.69	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.17	21.82	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.24	21.89	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.13	21.78	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.16	21.81	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.96	22.61	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.94	22.59	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.88	22.53	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.11	21.76	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.09	21.74	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.01	21.66	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.04	21.69	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	21.84	21.49	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	21.41	21.06	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	21.51	21.16	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	20.61	20.26	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	20.32	19.97	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	20.27	19.92	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	20.74	20.39	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	21.35	21	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	21.32	20.97	38.45	PASS



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Band5	3MHz	64QAM	20525	1RB#8	21.05	20.7	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	20.21	19.86	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	20.16	19.81	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	19.97	19.62	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	20.15	19.8	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	21.29	20.94	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	21.21	20.86	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	20.96	20.61	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	20.00	19.65	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	20.09	19.74	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	19.93	19.58	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.17	19.82	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.84	22.49	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.39	22.04	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.47	22.12	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.48	21.13	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.37	21.02	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.39	21.04	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.20	20.85	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.37	22.02	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.33	21.98	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.06	21.71	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.20	20.85	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.26	20.91	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.20	20.85	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.23	20.88	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.24	21.89	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.24	21.89	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.00	21.65	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.09	20.74	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.03	20.68	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.08	20.73	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.00	20.65	38.45	PASS



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Band5	5MHz	QPSK	20425	1RB#24	23.21	22.86	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.20	22.85	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.20	22.85	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.28	21.93	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.33	21.98	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.21	21.86	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.31	21.96	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.99	22.64	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.09	22.74	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.00	22.65	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.14	21.79	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.17	21.82	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.13	21.78	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.16	21.81	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.10	22.75	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.99	22.64	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.93	22.58	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.07	21.72	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.07	21.72	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.09	21.74	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.10	21.75	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	21.66	21.31	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	21.44	21.09	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	21.67	21.32	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	20.60	20.25	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	20.23	19.88	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	20.63	20.28	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	20.53	20.18	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	21.63	21.28	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	21.63	21.28	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	21.21	20.86	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	20.47	20.12	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	20.45	20.1	38.45	PASS





Band5	5MHz	64QAM	20525	12RB#6	20.01	19.66	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.51	20.16	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	21.62	21.27	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	21.57	21.22	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	21.21	20.86	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	20.61	20.26	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	20.38	20.03	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	20.12	19.77	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.57	20.22	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.70	22.35	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.44	22.09	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.69	22.34	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.37	21.02	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.20	20.85	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.23	20.88	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.26	20.91	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.58	22.23	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.66	22.31	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.17	21.82	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.24	20.89	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.23	20.88	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.19	20.84	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.25	20.9	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.66	22.31	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.55	22.2	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.22	21.87	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.15	20.8	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.17	20.82	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.09	20.74	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.02	20.67	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.24	22.89	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.87	22.52	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.09	22.74	38.45	PASS



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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
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	10MHz	QPSK	20450	25RB#12	22.28	21.93	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.31	21.96	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.21	21.86	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.33	21.98	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.95	22.6	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.90	22.55	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.92	22.57	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.13	21.78	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.19	21.84	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.15	21.8	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.13	21.78	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.06	22.71	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.02	22.67	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.01	22.66	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.08	21.73	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.19	21.84	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.13	21.78	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.12	21.77	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	21.75	21.4	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	21.31	20.96	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.71	21.36	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	20.67	20.32	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	20.12	19.77	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	20.61	20.26	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	20.68	20.33	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	21.41	21.06	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	21.28	20.93	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.46	21.11	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	20.16	19.81	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	20.18	19.83	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	20.24	19.89	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.14	19.79	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	21.69	21.34	38.45	PASS



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Shenzhen Branch: 科技园中区M-10栋一号楼
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057
中国·深圳·科技园中区M-10栋一号楼

t (86-755) 26012053 f (86-755) 26710594
t (86-755) 26012053 f (86-755) 26710594

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Band5	10MHz	64QAM	20600	1RB#0	21.10	20.75	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	21.22	20.87	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	20.49	20.14	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	20.00	19.65	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	20.13	19.78	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.55	20.2	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.76	22.41	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.36	22.01	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.76	22.41	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.24	20.89	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.26	20.91	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.04	20.69	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.21	20.86	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.39	22.04	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.27	21.92	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.48	22.13	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.05	20.7	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.19	20.84	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.17	20.82	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.14	20.79	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.69	22.34	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.11	21.76	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.18	21.83	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.16	20.81	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.13	20.78	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.15	20.8	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.02	20.67	38.45	PASS





1.2. Test Result (Down Antenna)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.53	23.68	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.58	23.73	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.56	23.71	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.55	23.7	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.52	23.67	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.62	23.77	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.65	22.8	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.53	23.68	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.59	23.74	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.51	23.66	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.56	23.71	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.57	23.72	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.54	23.69	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.59	22.74	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.41	23.56	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.46	23.61	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.35	23.5	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.40	23.55	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.47	23.62	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.40	23.55	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.45	22.6	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	21.86	22.01	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	21.91	22.06	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	21.72	21.87	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	21.76	21.91	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	21.86	22.01	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	21.58	21.73	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	20.70	20.85	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	21.84	21.99	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	21.79	21.94	38.45	PASS



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Band5	1.4MHz	64QAM	20525	1RB#5	21.97	22.12	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	21.50	21.65	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	21.64	21.79	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	21.44	21.59	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.62	20.77	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.71	21.86	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	21.75	21.9	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.63	21.78	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	21.58	21.73	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	21.49	21.64	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	21.55	21.7	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.54	20.69	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.84	22.99	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.90	23.05	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.77	22.92	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.73	22.88	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.82	22.97	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.61	22.76	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.73	21.88	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.82	22.97	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.82	22.97	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.01	23.16	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.46	22.61	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.66	22.81	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.49	22.64	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.67	21.82	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.70	22.85	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.73	22.88	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.65	22.8	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.56	22.71	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.53	22.68	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.52	22.67	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.57	21.72	38.45	PASS



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No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China
邮编: 518057

t (86-755) 26012053 f (86-755) 26710594
t (86-755) 26012053 f (86-755) 26710594

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Band5	3MHz	QPSK	20415	1RB#14	23.56	23.71	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.62	23.77	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.60	23.75	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.71	22.86	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.78	22.93	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.73	22.88	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.68	22.83	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.47	23.62	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.47	23.62	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.54	23.69	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.58	22.73	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.65	22.8	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.58	22.73	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.69	22.84	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.60	23.75	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.43	23.58	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.43	23.58	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.63	22.78	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.56	22.71	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.48	22.63	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.59	22.74	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	21.83	21.98	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	21.80	21.95	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	21.84	21.99	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	20.72	20.87	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	20.71	20.86	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	20.69	20.84	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	20.74	20.89	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	21.72	21.87	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	21.75	21.9	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	21.73	21.88	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	20.59	20.74	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	20.55	20.7	38.45	PASS



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Band5	3MHz	64QAM	20525	8RB#7	20.63	20.78	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	20.70	20.85	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	21.68	21.83	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	21.76	21.91	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	21.58	21.73	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	20.60	20.75	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	20.66	20.81	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	20.45	20.6	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.57	20.72	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.99	23.14	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.13	23.28	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.91	23.06	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.68	21.83	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.66	21.81	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.72	21.87	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.76	21.91	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.87	23.02	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.83	22.98	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.87	23.02	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.57	21.72	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.60	21.75	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.60	21.75	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.71	21.86	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.92	23.07	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.74	22.89	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.67	22.82	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.58	21.73	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.66	21.81	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.46	21.61	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.56	21.71	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.48	23.63	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.52	23.67	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.49	23.64	38.45	PASS





Band5	5MHz	QPSK	20425	12RB#13	22.74	22.89	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.74	22.89	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.71	22.86	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.69	22.84	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.51	23.66	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.50	23.65	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.53	23.68	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.66	22.81	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.68	22.83	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.64	22.79	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.68	22.83	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.53	23.68	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.50	23.65	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.51	23.66	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.71	22.86	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.64	22.79	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.48	22.63	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.61	22.76	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	21.85	22	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	21.92	22.07	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	21.86	22.01	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	20.68	20.83	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	20.85	21	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	20.77	20.92	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	20.74	20.89	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	21.88	22.03	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	21.78	21.93	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	21.76	21.91	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	20.73	20.88	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	20.63	20.78	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	20.63	20.78	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.62	20.77	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	21.68	21.83	38.45	PASS



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Band5	5MHz	64QAM	20625	1RB#12	21.70	21.85	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	21.60	21.75	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	20.53	20.68	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	20.52	20.67	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	20.52	20.67	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.53	20.68	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	23.13	23.28	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.93	23.08	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.83	22.98	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.70	21.85	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.80	21.95	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.73	21.88	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.71	21.86	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.16	23.31	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.89	23.04	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.93	23.08	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.78	21.93	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.64	21.79	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.63	21.78	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.61	21.76	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.92	23.07	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.85	23	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.85	23	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.58	21.73	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.57	21.72	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.49	21.64	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.52	21.67	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.53	23.68	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.51	23.66	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.28	23.43	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.76	22.91	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.73	22.88	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.61	22.76	38.45	PASS





Band5	10MHz	QPSK	20450	50RB#0	22.66	22.81	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.44	23.59	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.38	23.53	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.47	23.62	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.58	22.73	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.73	22.88	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.60	22.75	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.54	22.69	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.64	23.79	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.39	23.54	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.51	23.66	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.51	22.66	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.64	22.79	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.60	22.75	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.58	22.73	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	21.88	22.03	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	21.78	21.93	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.81	21.96	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	20.72	20.87	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	20.64	20.79	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	20.70	20.85	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	20.81	20.96	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	21.63	21.78	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	21.83	21.98	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.63	21.78	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	20.52	20.67	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	20.66	20.81	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	20.56	20.71	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.49	20.64	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	21.79	21.94	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	21.64	21.79	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	21.61	21.76	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	20.66	20.81	38.45	PASS



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t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
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Band5	10MHz	64QAM	20600	25RB#25	20.52	20.67	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	20.54	20.69	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.69	20.84	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.93	23.08	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.10	23.25	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.88	23.03	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.74	21.89	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.67	21.82	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.69	21.84	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.78	21.93	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.10	23.25	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.88	23.03	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.17	23.32	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.52	21.67	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.70	21.85	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.53	21.68	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.51	21.66	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.99	23.14	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.77	22.92	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.91	23.06	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.68	21.83	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.49	21.64	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.49	21.64	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.64	21.79	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 [dBd]

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



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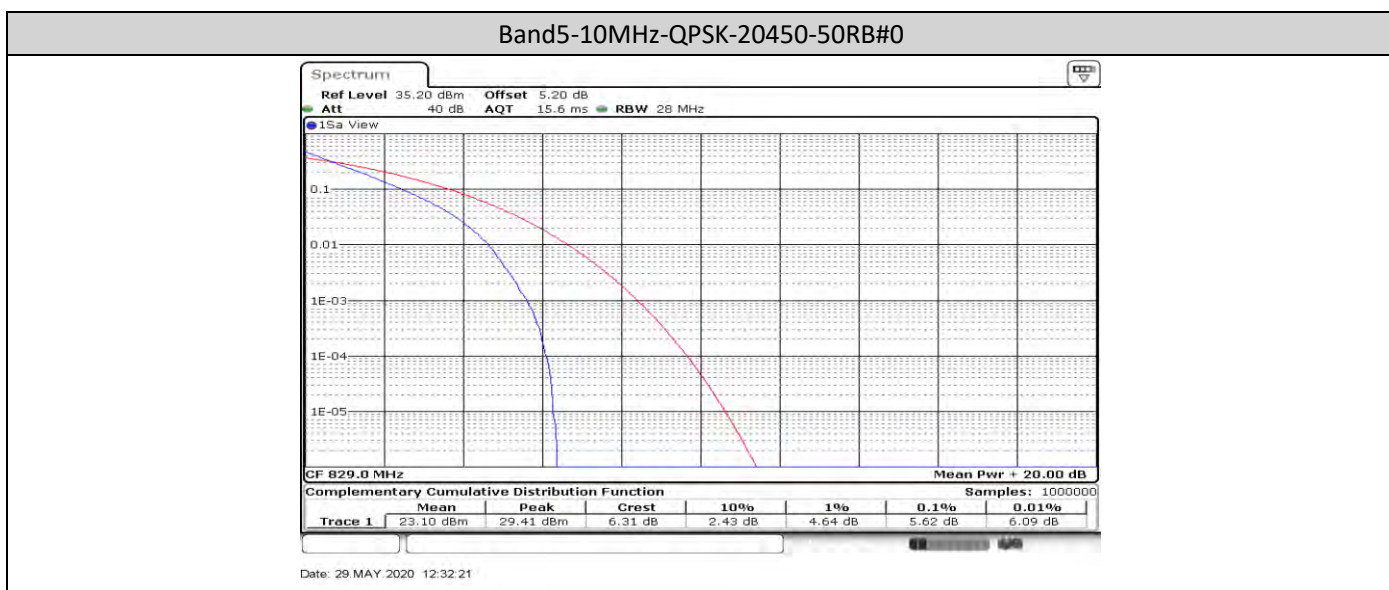


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	5.62	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.01	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.71	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	6.46	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.70	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	6.67	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.14	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.91	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.88	13	PASS

2.2. Test Plots





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



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



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

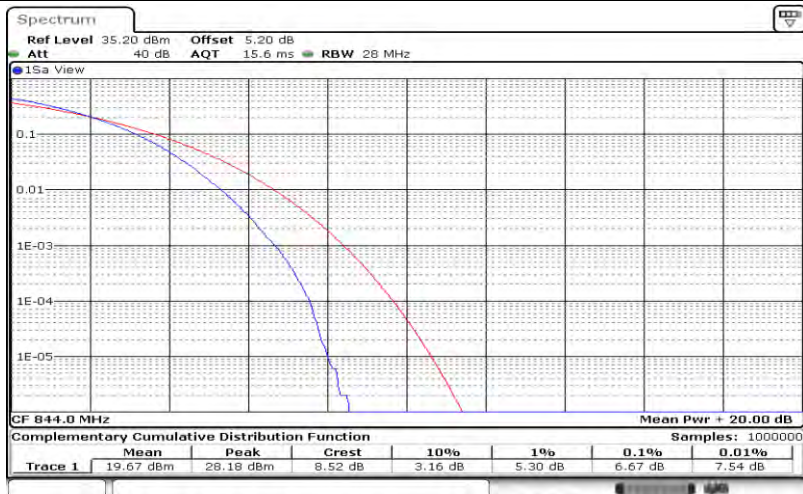


Band5-10MHz-64QAM-20525-50RB#0



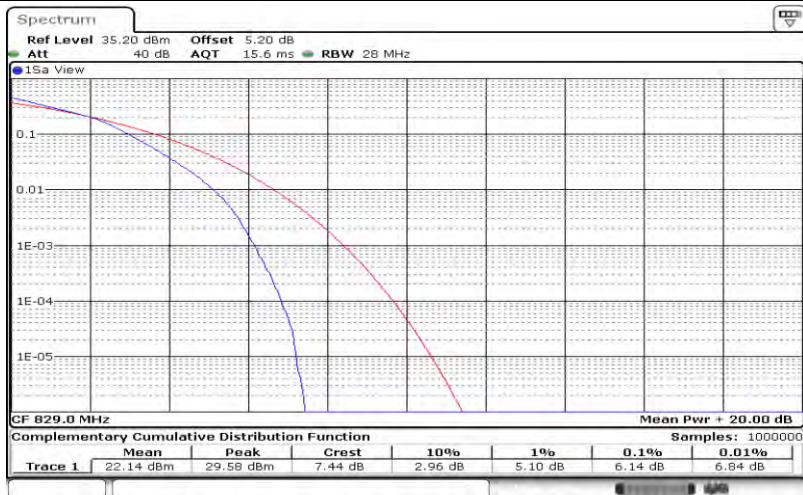


Band5-10MHz-64QAM-20600-50RB#0



Date: 1 JUN 2020 07:52:53

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



Date: 29 MAY 2020 12:32:32



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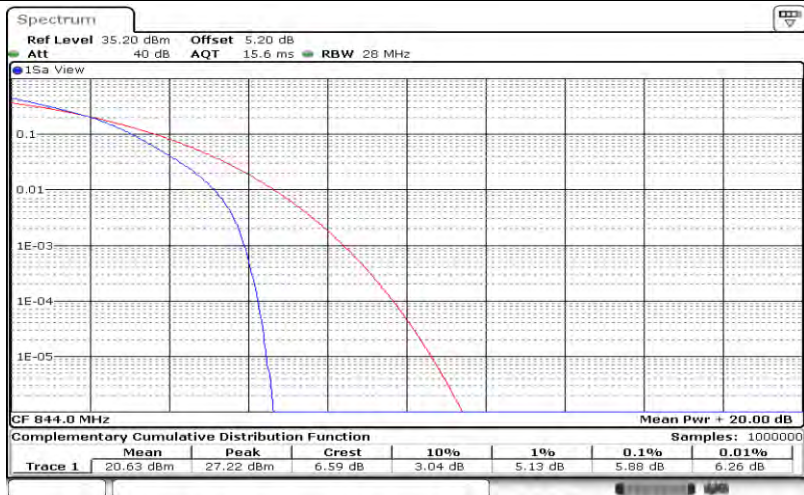


Band5-10MHz-16QAM-20525-50RB#0



Date: 29 MAY 2020 12:32:54

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



Date: 29 MAY 2020 12:33:17

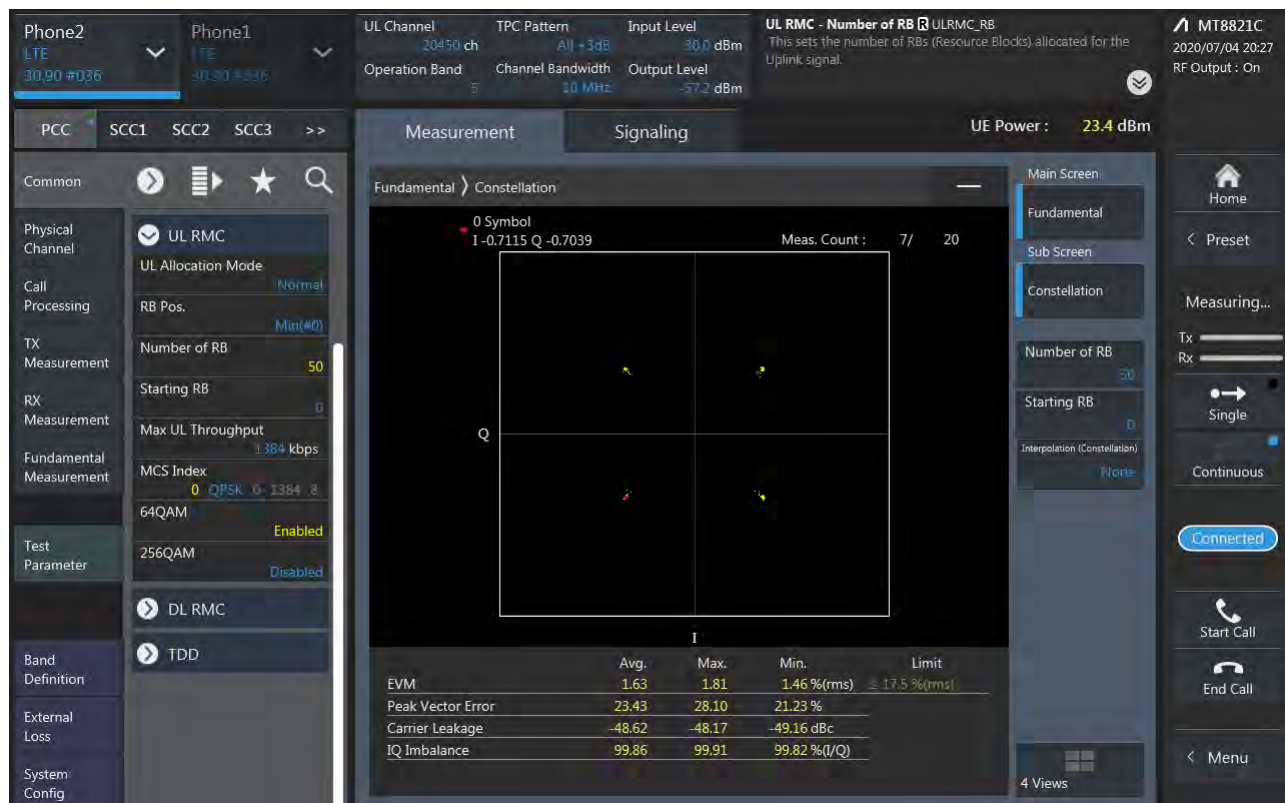




3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 10MHz

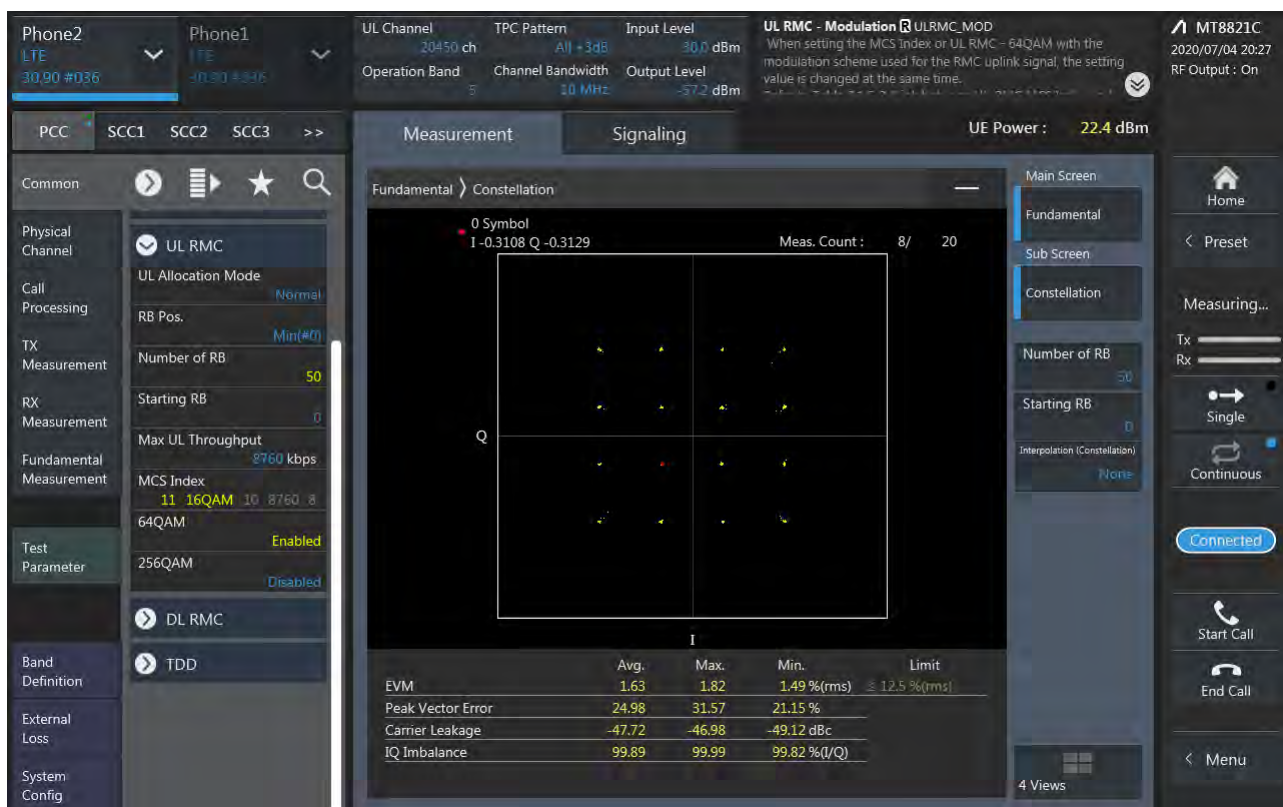
3.1.1. Test Channel = MCH





3.2. Test Mode = LTE /TM2 10MHz

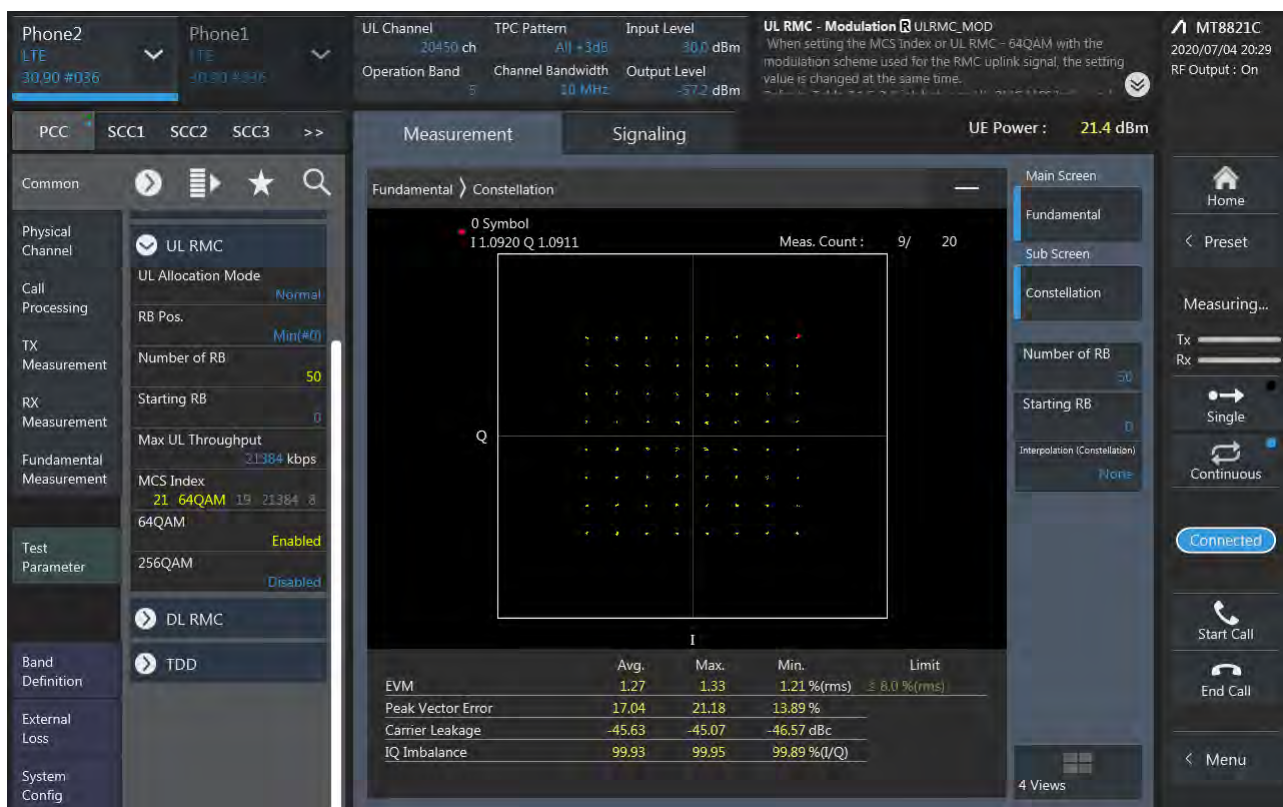
3.2.1. Test Channel = MCH





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	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.109	1.245	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.091	1.239	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.088	1.236	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.094	1.239	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.094	1.236	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.094	1.245	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.124	1.272	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.085	1.233	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.085	1.233	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.697	3.006	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.697	3.006	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.697	3.000	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.685	2.994	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.691	2.982	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.691	2.970	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.685	2.982	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.685	2.970	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.685	2.976	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.466	4.900	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.466	4.880	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.466	4.890	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.466	4.890	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.466	4.870	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.466	4.870	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.476	4.910	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.476	4.930	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.486	4.930	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.931	9.680	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.911	9.640	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.951	9.740	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.911	9.660	PASS



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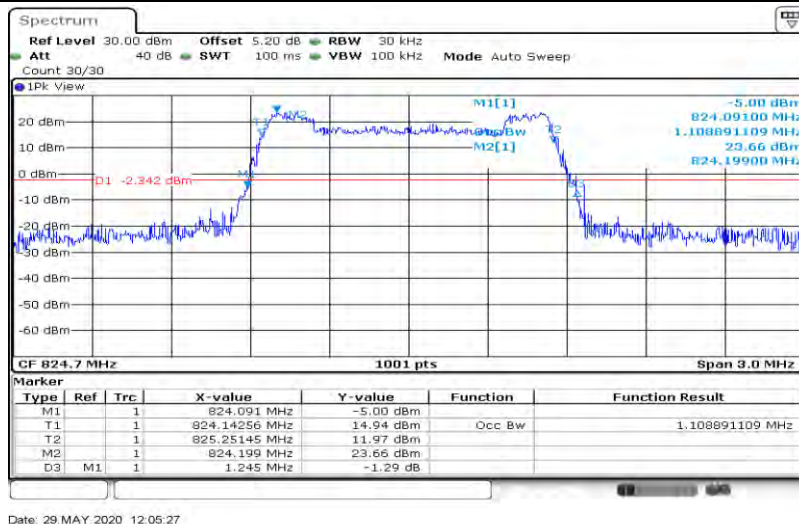
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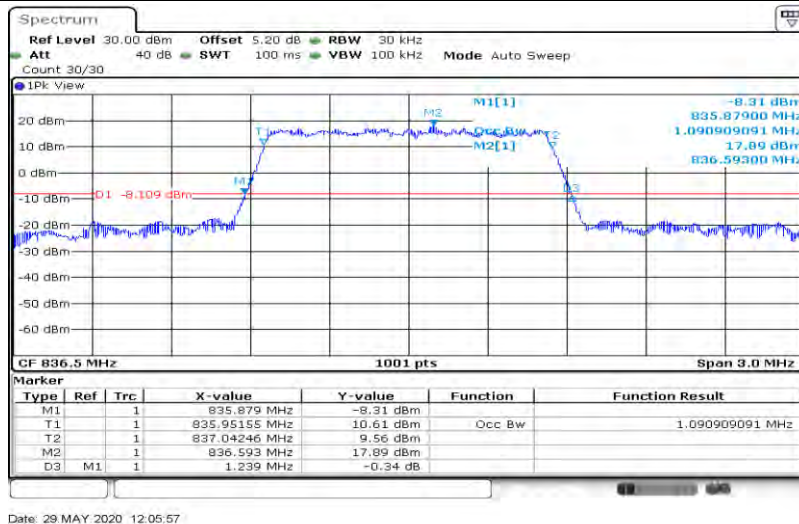
Band5	10MHz	64QAM	20525	50RB#0	8.911	9.620	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.931	10.060	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.931	9.680	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.911	9.660	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.951	9.720	PASS

4.2. Test Plots

Band5-1.4MHz-QPSK-20407-6RB#0-1.109



Band5-1.4MHz-QPSK-20525-6RB#0-1.091

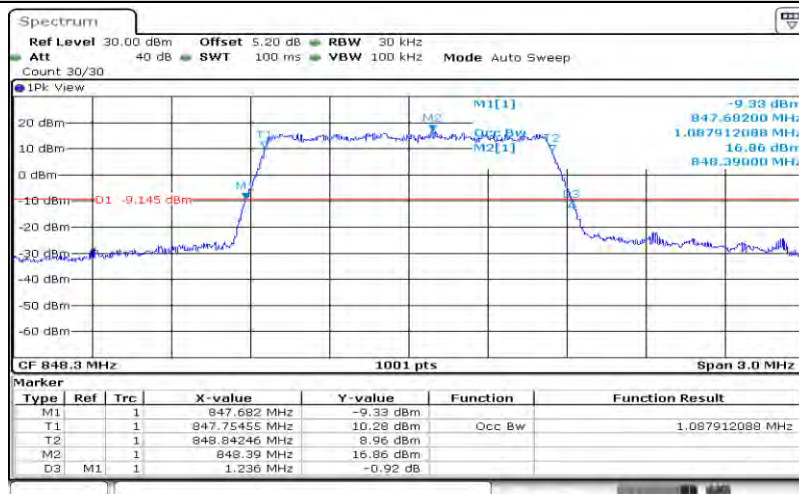


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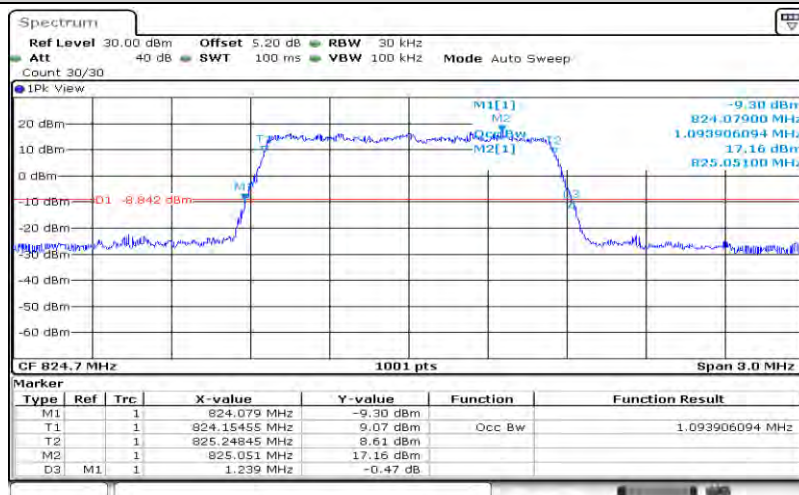


Band5-1.4MHz-QPSK-20643-6RB#0-1.088



Date: 29 MAY 2020 12:08:22

Band5-1.4MHz-64QAM-20407-6RB#0-1.094



Date: 1 JUN 2020 07:31:23



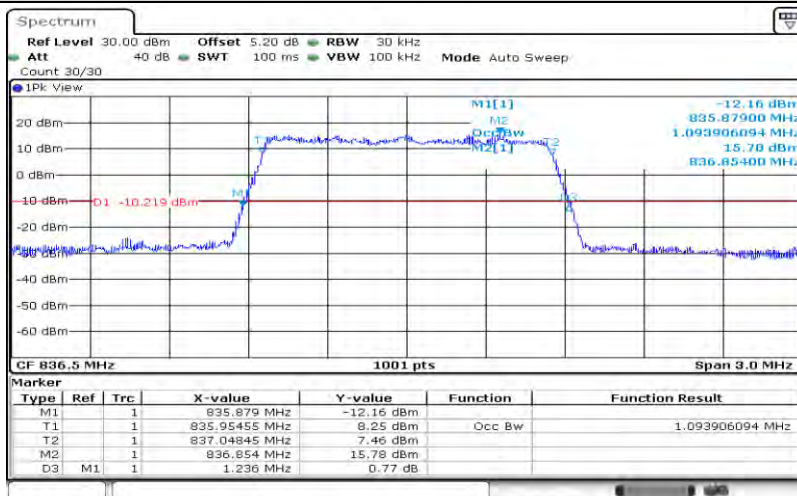
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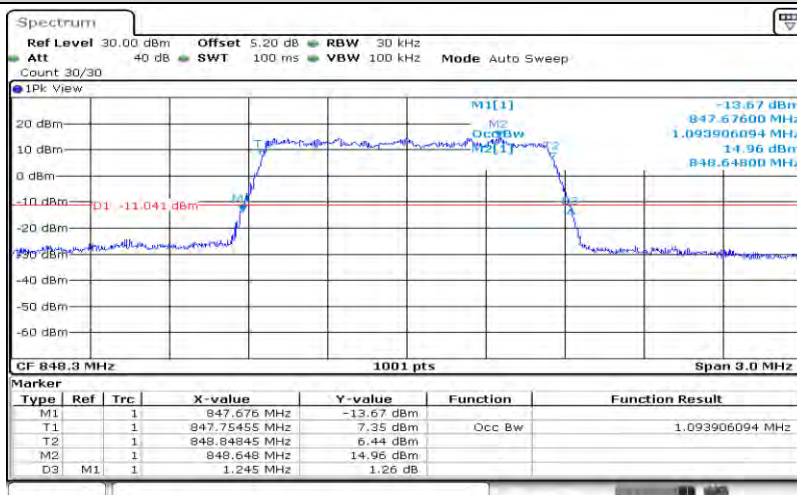


Band5-1.4MHz-64QAM-20525-6RB#0-1.094



Date: 1 JUN.2020 07:31:36

Band5-1.4MHz-64QAM-20643-6RB#0-1.094



Date: 1 JUN.2020 07:31:49

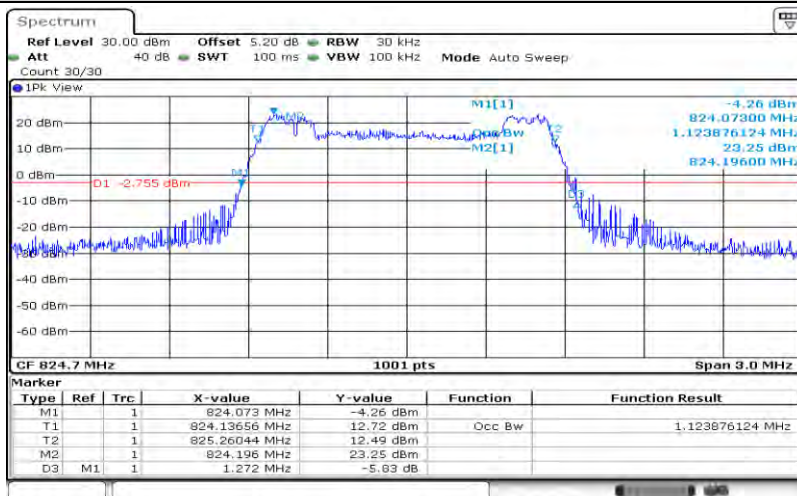


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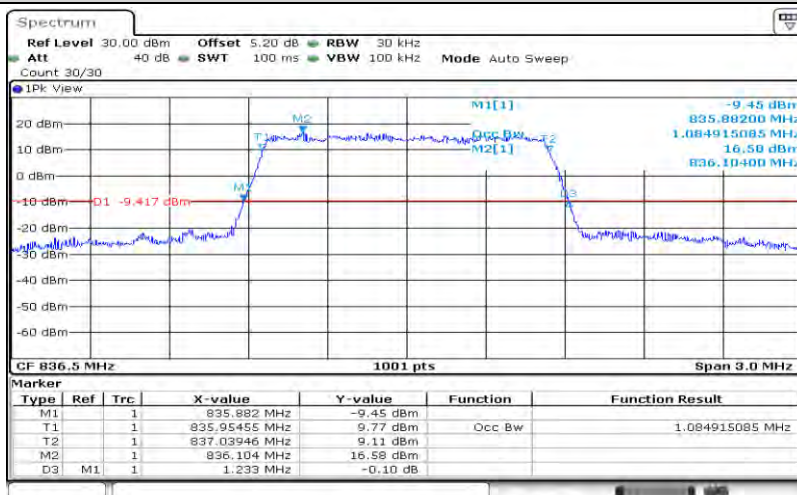


Band5-1.4MHz-16QAM-20407-6RB#0-1.124



Date: 29 MAY 2020 12:05:39

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



Date: 29 MAY 2020 12:06:09

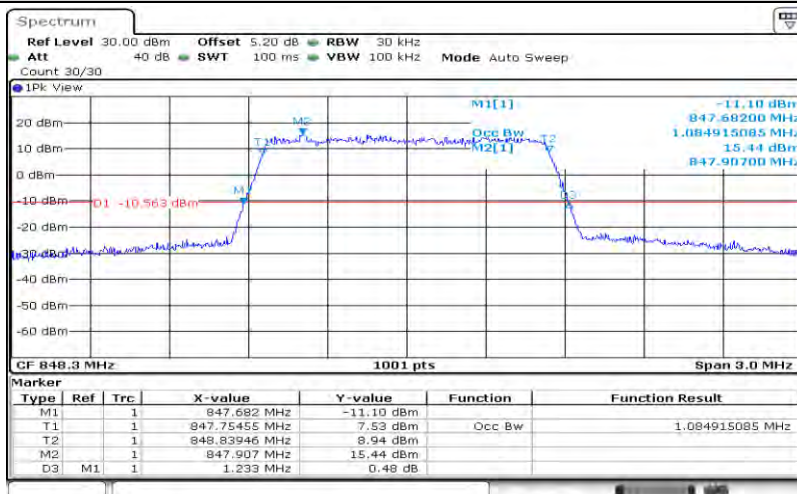


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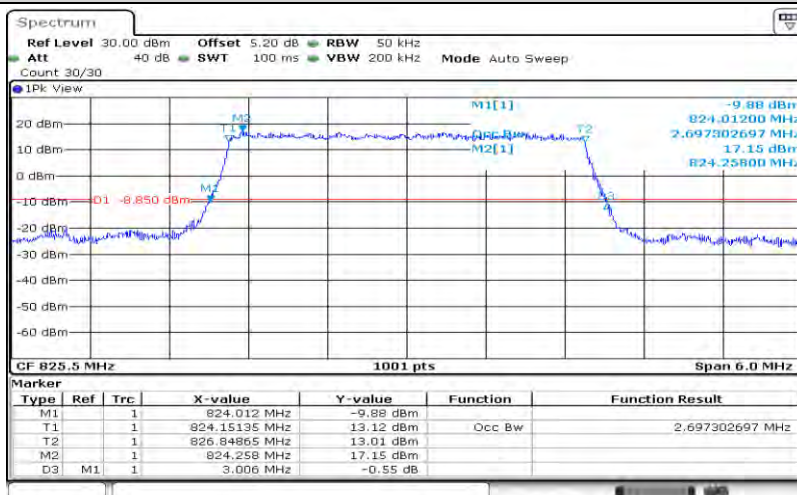


Band5-1.4MHz-16QAM-20643-6RB#0-1.085



Date: 29 MAY 2020 12:08:35

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



Date: 29 MAY 2020 12:08:53



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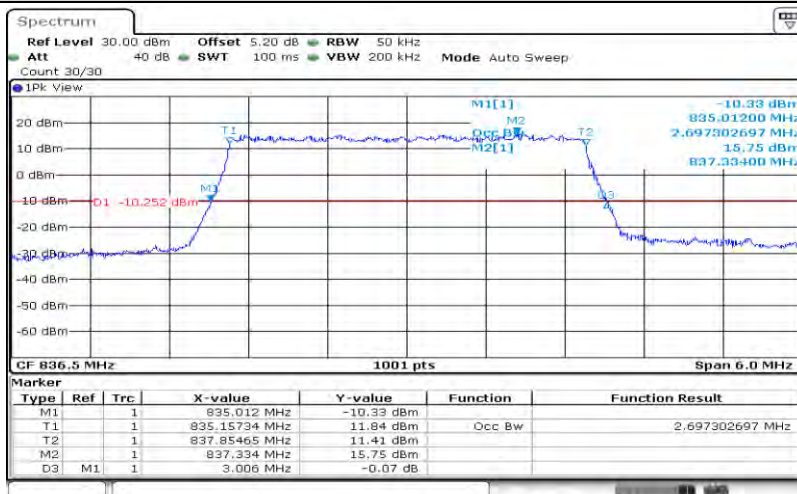
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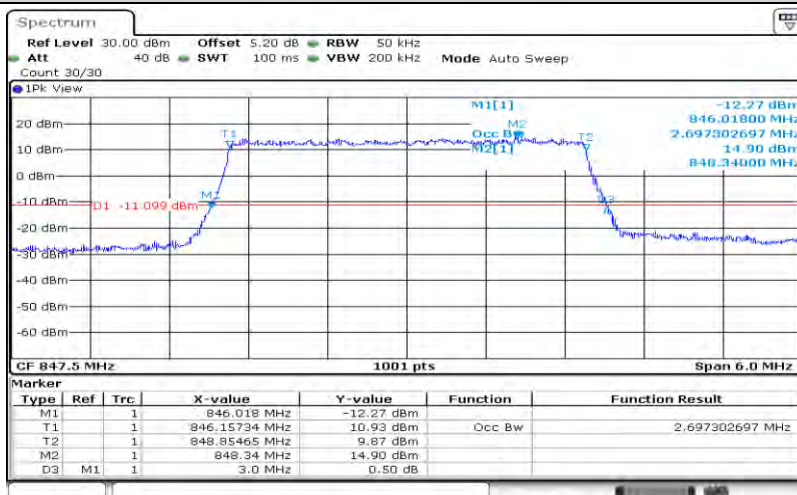


Band5-3MHz-QPSK-20525-15RB#0-2.697



Date: 29 MAY 2020 12:07:19

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Date: 29 MAY 2020 12:07:44

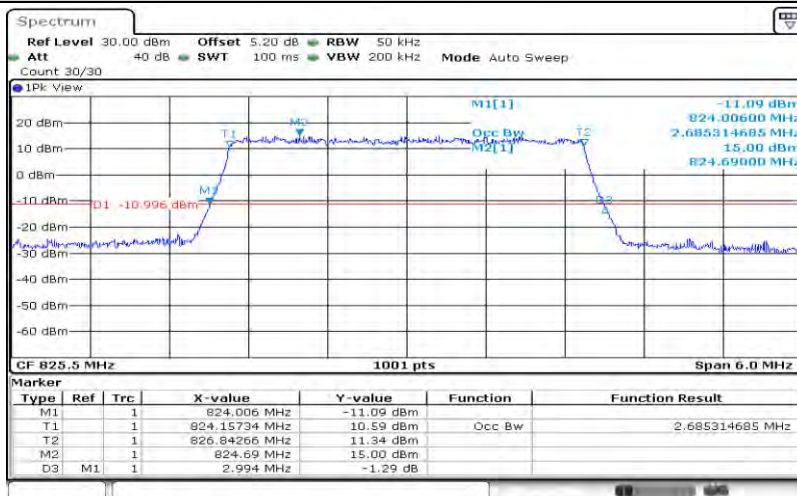


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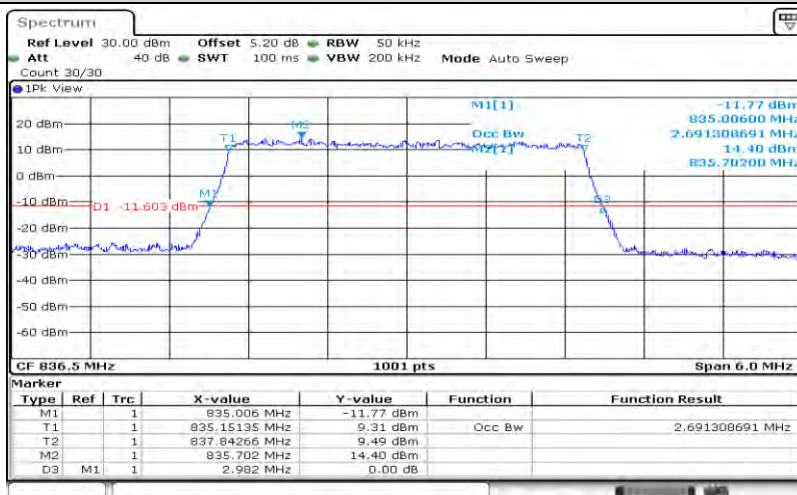


Band5-3MHz-64QAM-20415-15RB#0-2.685



Date: 1 JUN.2020 07:32:09

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



Date: 1 JUN.2020 07:32:22



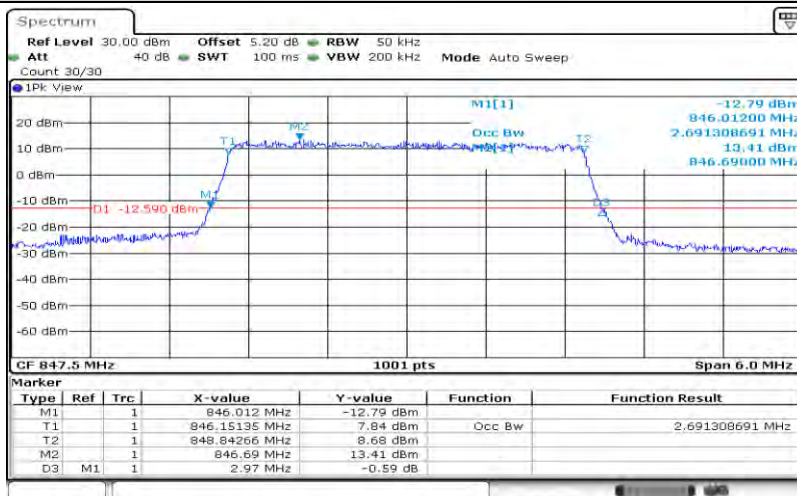
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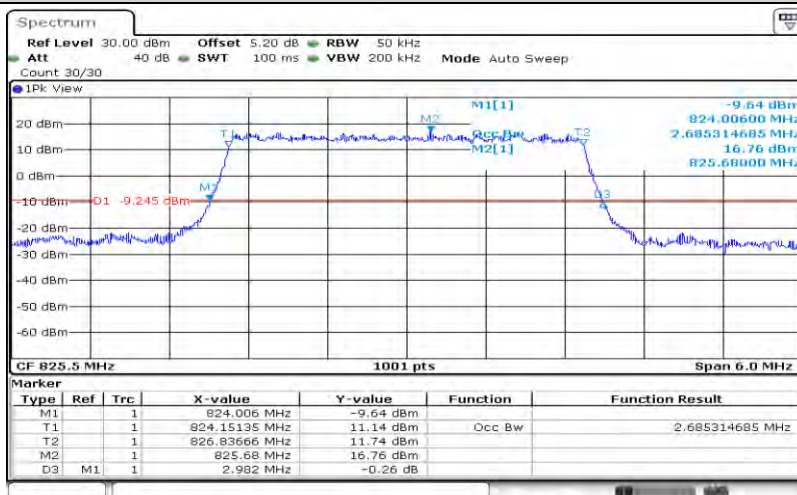


Band5-3MHz-64QAM-20635-15RB#0-2.691



Date: 1 JUN 2020 07:32:34

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



Date: 29 MAY 2020 12:07:06



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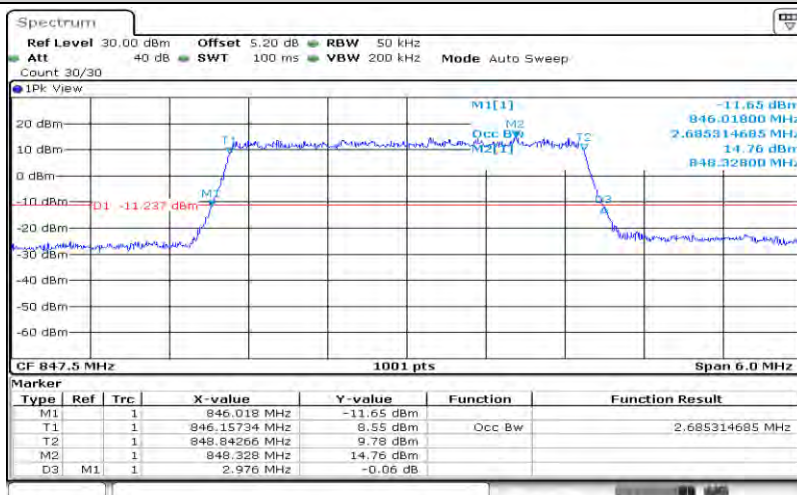


Band5-3MHz-16QAM-20525-15RB#0-2.685



Date: 29 MAY 2020 12:07:31

Band5-3MHz-16QAM-20635-15RB#0-2.685



Date: 29 MAY 2020 12:07:57

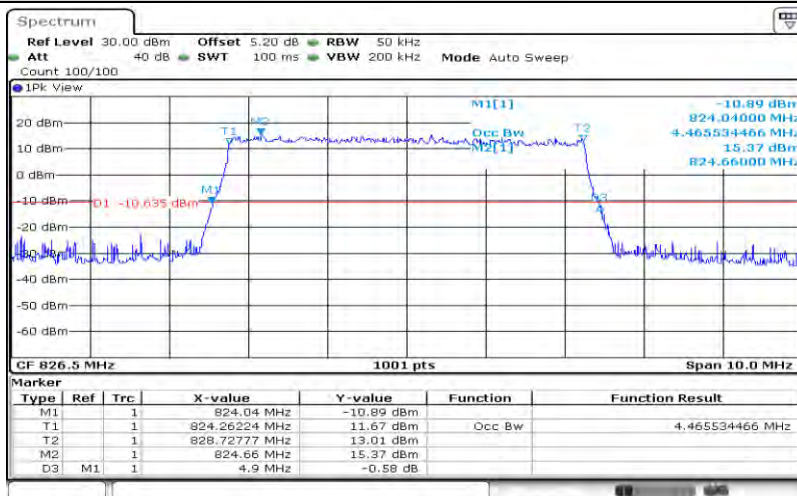


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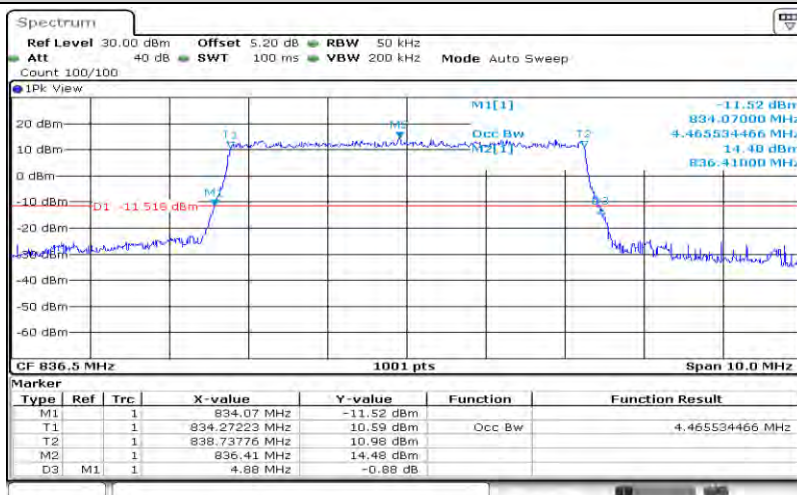


Band5-5MHz-QPSK-20425-25RB#0-4.466



Date: 29 MAY 2020 12:08:22

Band5-5MHz-QPSK-20525-25RB#0-4.466



Date: 29 MAY 2020 12:09:01



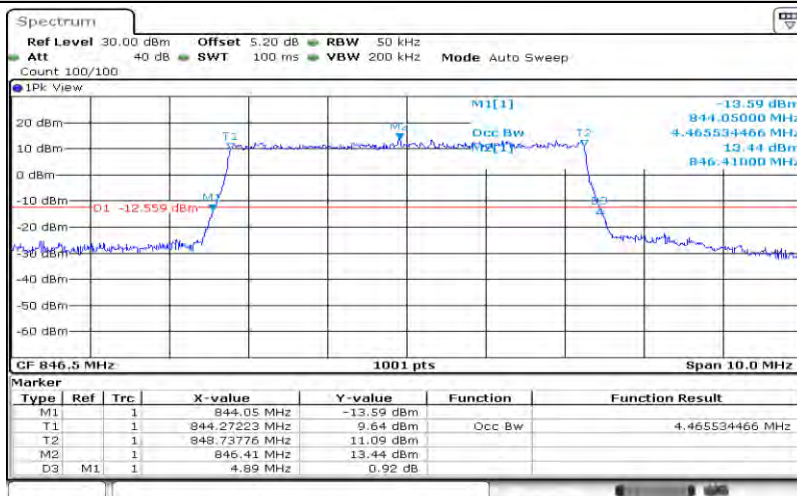
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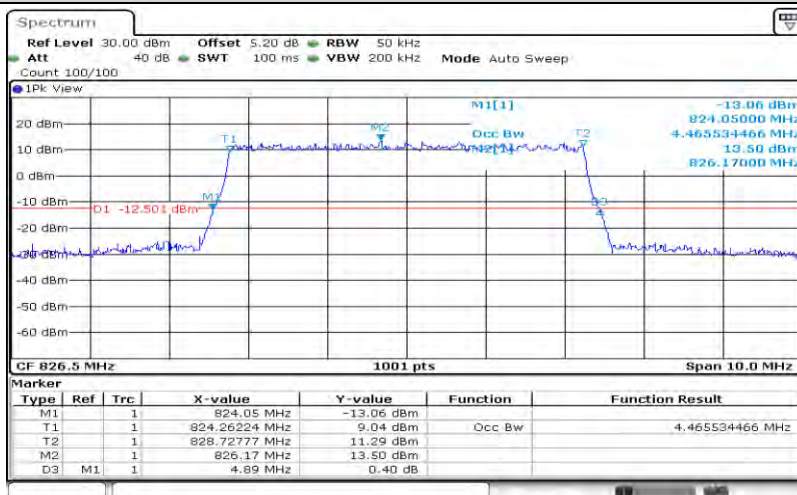


Band5-5MHz-QPSK-20625-25RB#0-4.466



Date: 29 MAY 2020 12:09:41

Band5-5MHz-64QAM-20425-25RB#0-4.466



Date: 1 JUN 2020 07:33:01



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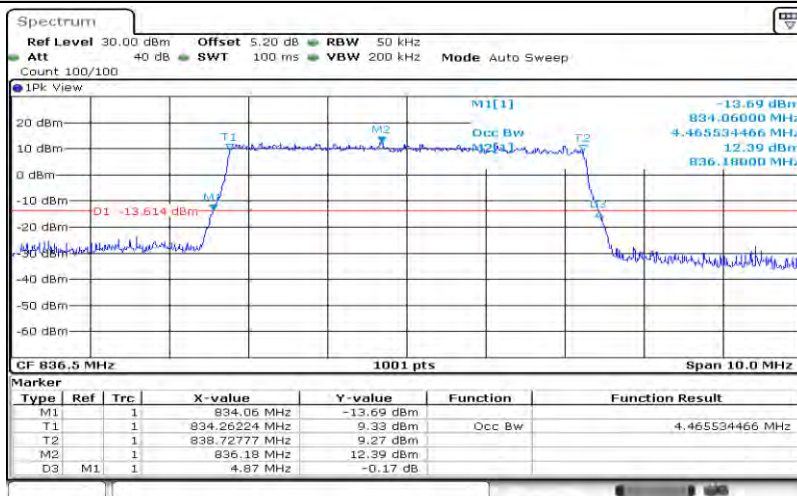
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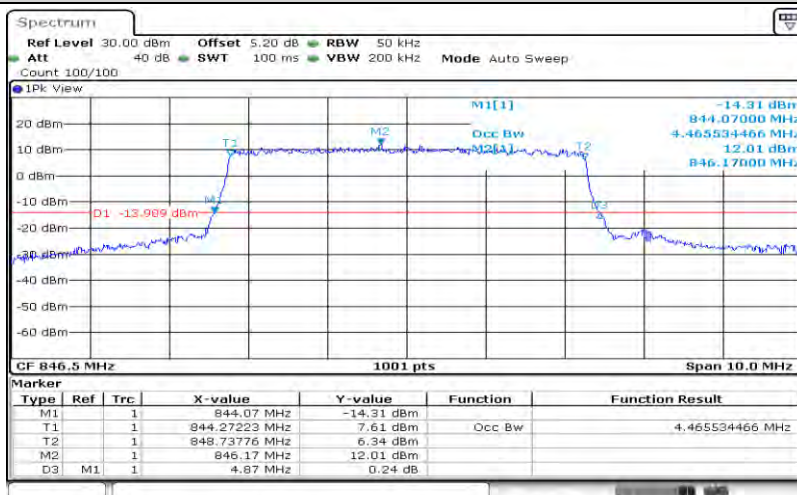


Band5-5MHz-64QAM-20525-25RB#0-4.466



Date: 1 JUN. 2020 07:33:21

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



Date: 1 JUN. 2020 07:33:41

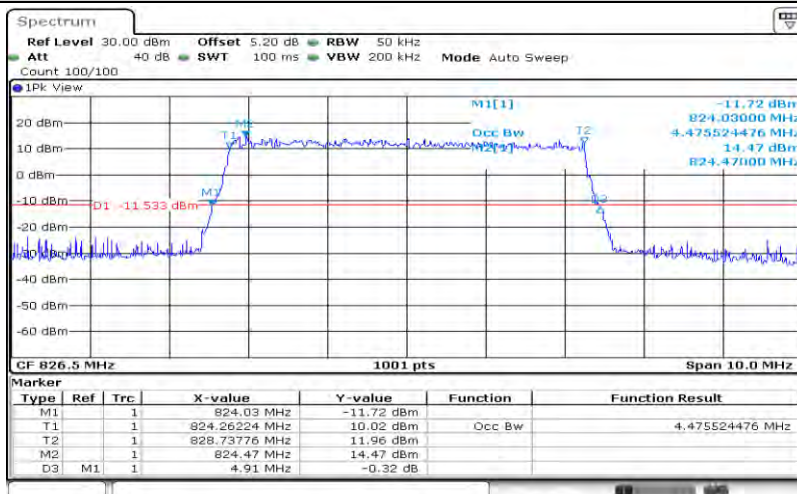


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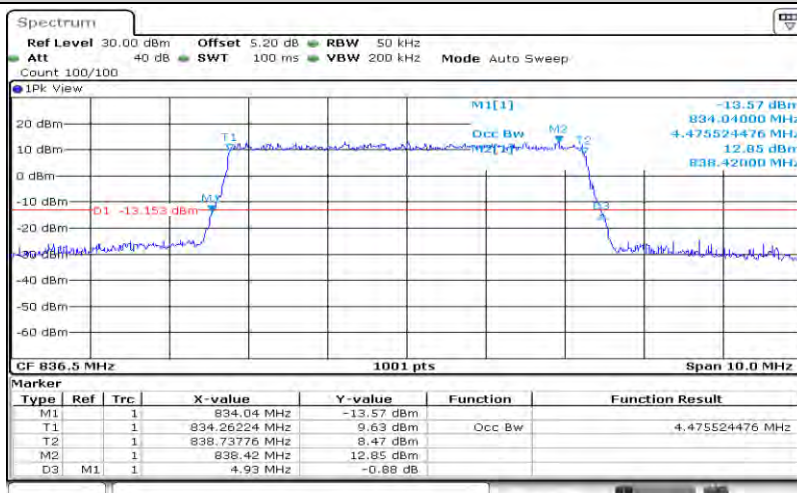


Band5-5MHz-16QAM-20425-25RB#0-4.476



Date: 29 MAY 2020 12:08:41

Band5-5MHz-16QAM-20525-25RB#0-4.476



Date: 29 MAY 2020 12:09:21



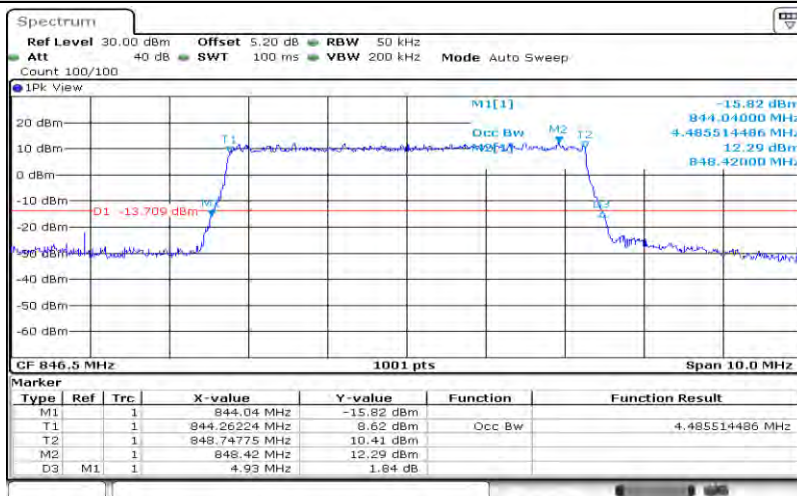
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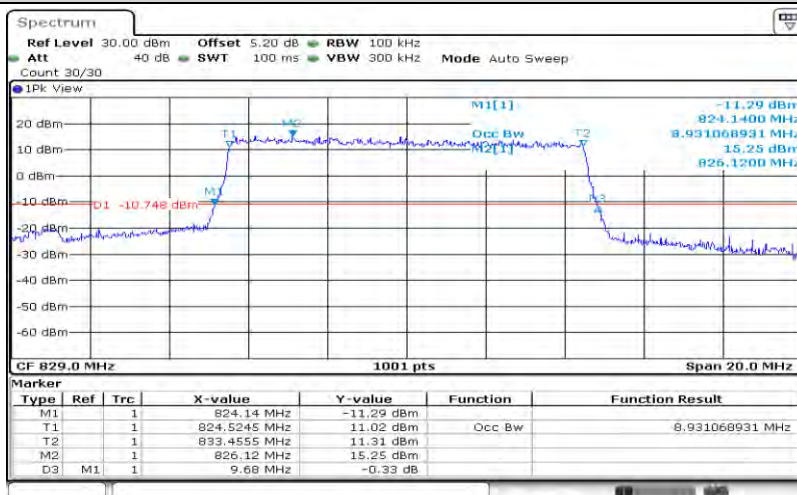


Band5-5MHz-16QAM-20625-25RB#0-4.486



Date: 29 MAY 2020 12:10:01

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



Date: 29 MAY 2020 12:10:19



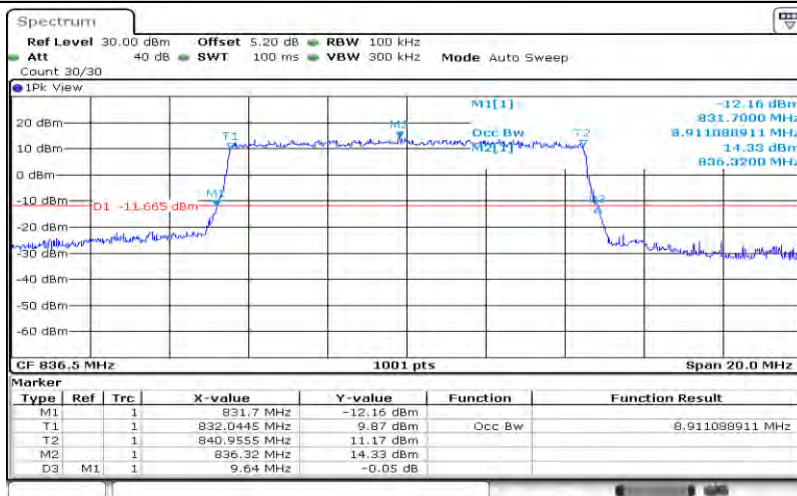
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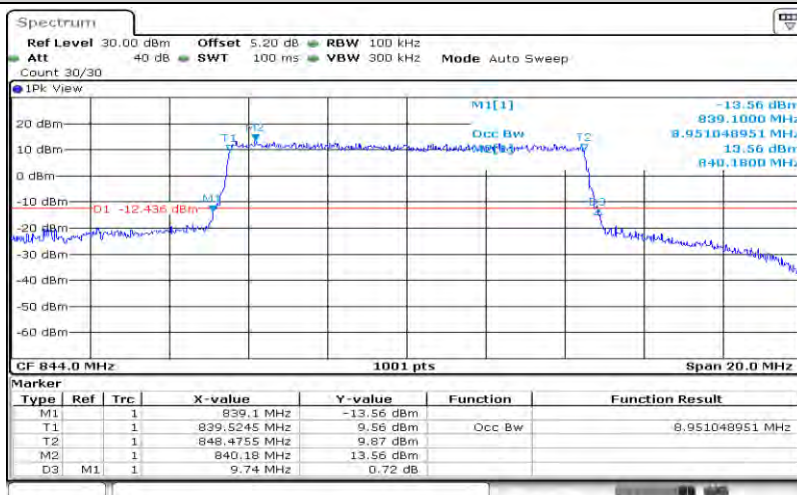


Band5-10MHz-QPSK-20525-50RB#0-8.911



Date: 29 MAY 2020 12:10:45

Band5-10MHz-QPSK-20600-50RB#0-8.951



Date: 29 MAY 2020 12:11:11

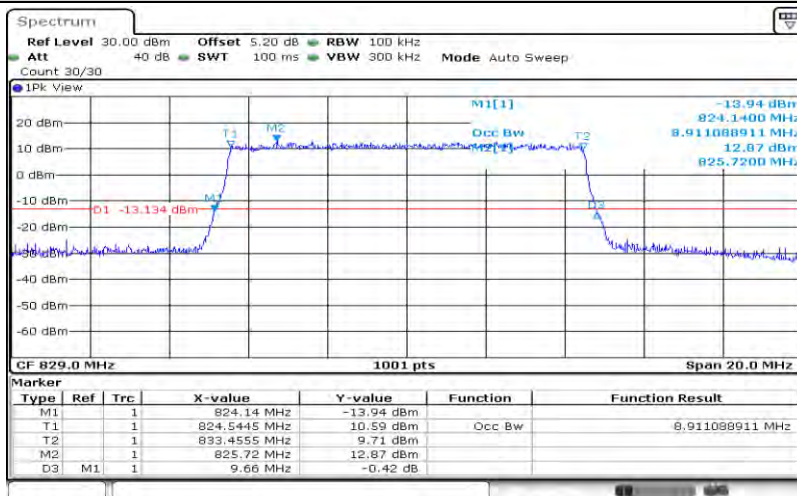


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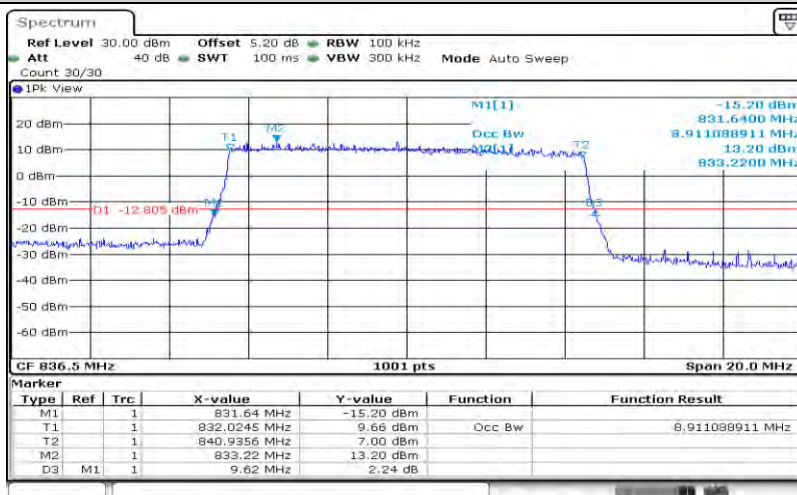


Band5-10MHz-64QAM-20450-50RB#0-8.911



Date: 1 JUN.2020 07:34:01

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Date: 1 JUN.2020 07:34:14

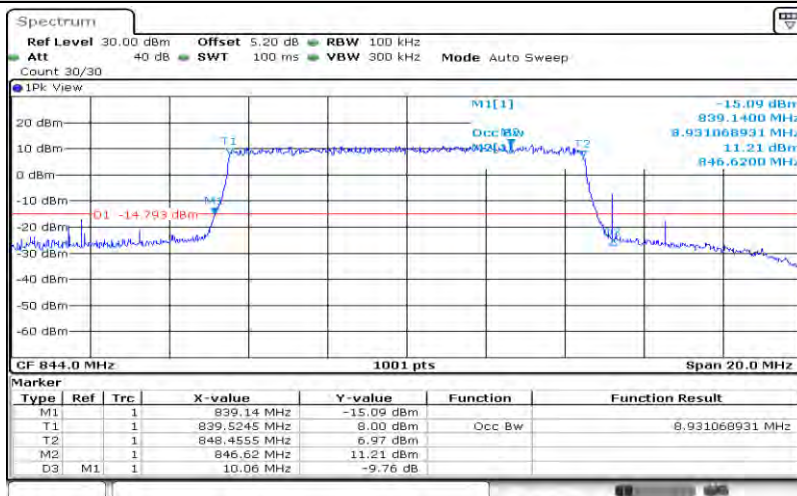


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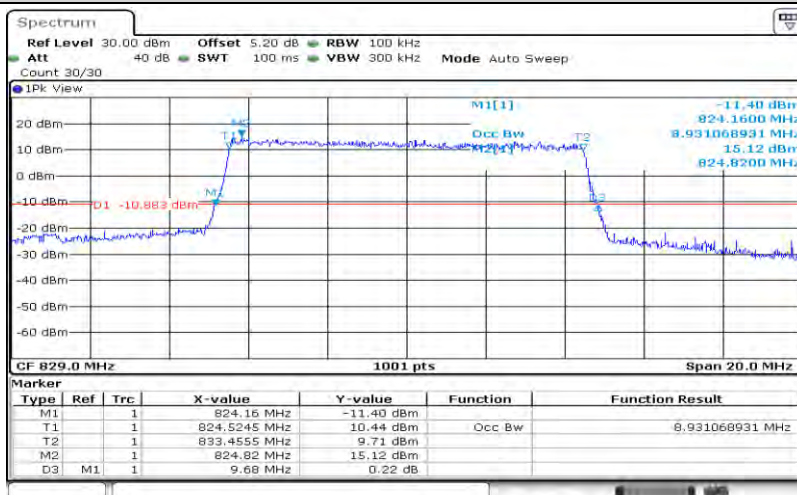


Band5-10MHz-64QAM-20600-50RB#0-8.931



Date: 1 JUN 2020 07:34:26

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



Date: 29 MAY 2020 12:10:31

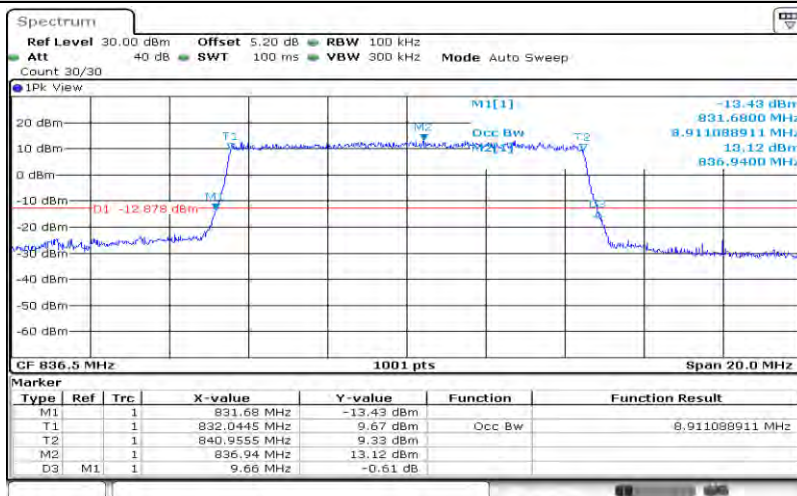


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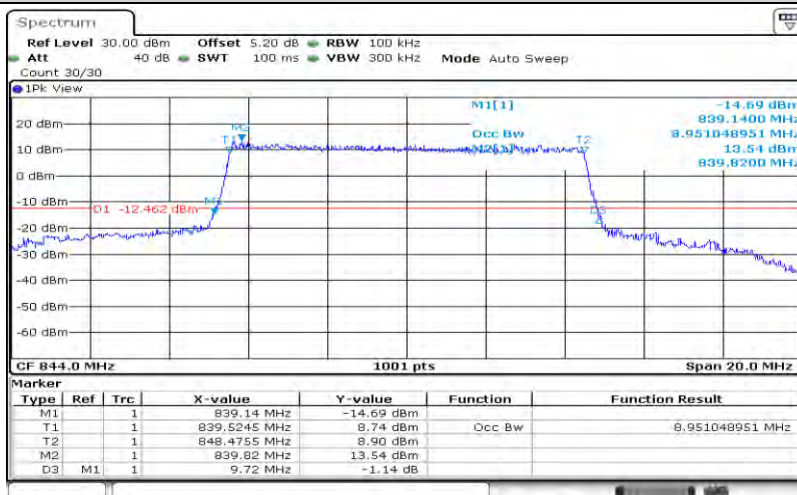


Band5-10MHz-16QAM-20525-50RB#0-8.911



Date: 29 MAY 2020 12:10:57

Band5-10MHz-16QAM-20600-50RB#0-8.951



Date: 29 MAY 2020 12:11:23



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5. Band Edge Compliance

5.1. Test Plots

Band5-1.4MHz-QPSK-20407-1RB#0



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



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



Date: 29 MAY 2020 12:13:31

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



Date: 29 MAY 2020 12:14:13



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Band5-1.4MHz-64QAM-20407-1RB#0



Date: 1 JUN.2020 07:41:19

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



Date: 5 JUN.2020 06:32:57



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Band5-1.4MHz-64QAM-20643-1RB#5



Date: 1 JUN. 2020 07:42:05

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



Date: 1 JUN. 2020 07:42:25



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Band5-1.4MHz-16QAM-20407-1RB#0



Date: 5 JUN. 2020 06:32:16

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



Date: 5 JUN. 2020 06:32:57



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



Date: 29 MAY 2020 12:13:52

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



Date: 29 MAY 2020 12:14:33



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



Date: 29 MAY 2020 12:14:59

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



Date: 29 MAY 2020 12:15:42



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



Date: 29 MAY 2020 12:16:28

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



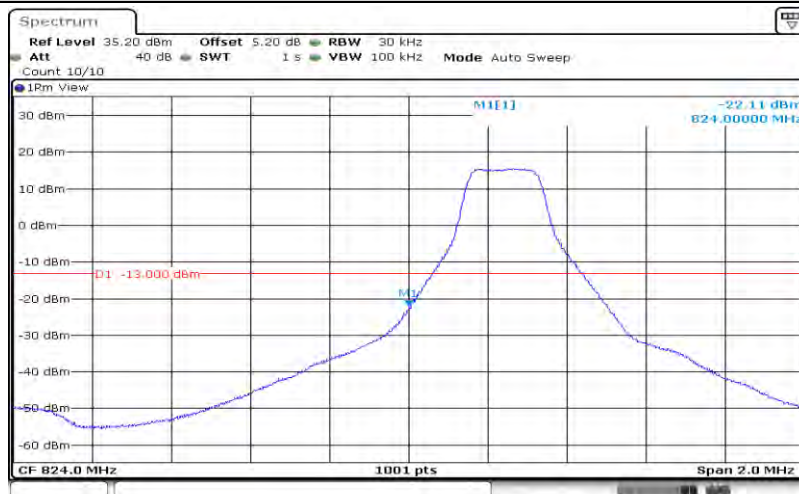
Date: 29 MAY 2020 12:17:10



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Band5-3MHz-64QAM-20415-1RB#0



Date: 1 JUN. 2020 07:42:53

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



Date: 1 JUN. 2020 07:43:13





Band5-3MHz-64QAM-20635-1RB#14



Date: 1 JUN. 2020 07:43:42

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



Date: 1 JUN. 2020 07:44:05



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



Date: 29 MAY 2020 12:15:21

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



Date: 29 MAY 2020 12:16:03



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Band5-3MHz-16QAM-20635-1RB#14



Date: 29 MAY 2020 12:16:49

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



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



Date: 29 MAY 2020 12:17:57

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



Date: 29 MAY 2020 12:18:39



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



Date: 29 MAY 2020 12:19:24

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



Date: 29 MAY 2020 12:20:06



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



Date: 1 JUN. 2020 07:44:36

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



Date: 1 JUN. 2020 07:44:59



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



Date: 1 JUN. 2020 07:45:25

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



Date: 1 JUN. 2020 07:45:45

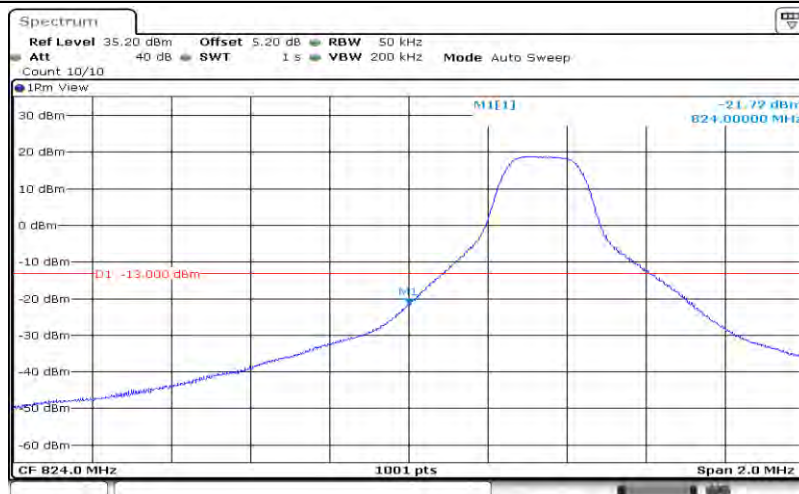


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Band5-5MHz-16QAM-20425-1RB#0



Date: 29 MAY 2020 12:18:17

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Band5-5MHz-16QAM-20625-1RB#24



Date: 29 MAY 2020 12:19:45

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



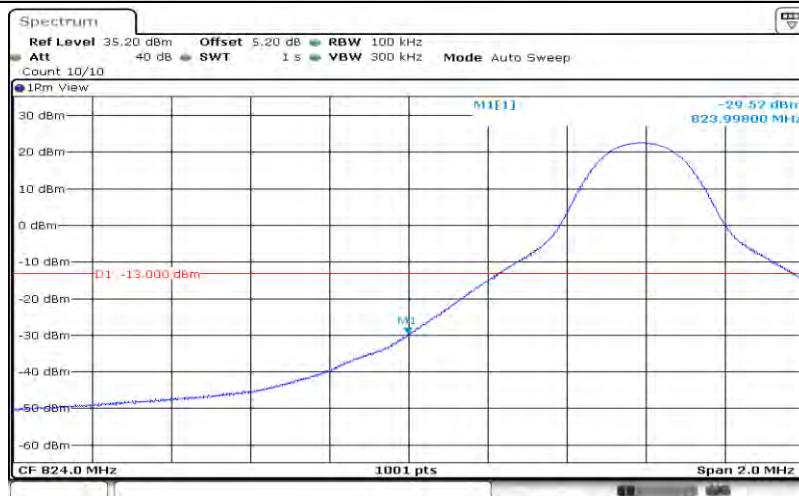
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Band5-10MHz-QPSK-20450-1RB#0



Date: 29 MAY 2020 12:20:52

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



Date: 29 MAY 2020 12:21:33



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



Date: 29 MAY 2020 12:22:18

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



Date: 29 MAY 2020 12:22:59



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



Date: 1 JUN.2020 07:46:24

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



Date: 1 JUN.2020 07:46:44



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



Date: 1 JUN.2020 07:47:11

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



Date: 1 JUN.2020 07:47:31



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



Date: 29 MAY 2020 12:21:12

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



Date: 29 MAY 2020 12:21:53



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



Date: 29 MAY 2020 12:22:38

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



Date: 29 MAY 2020 12:23:19



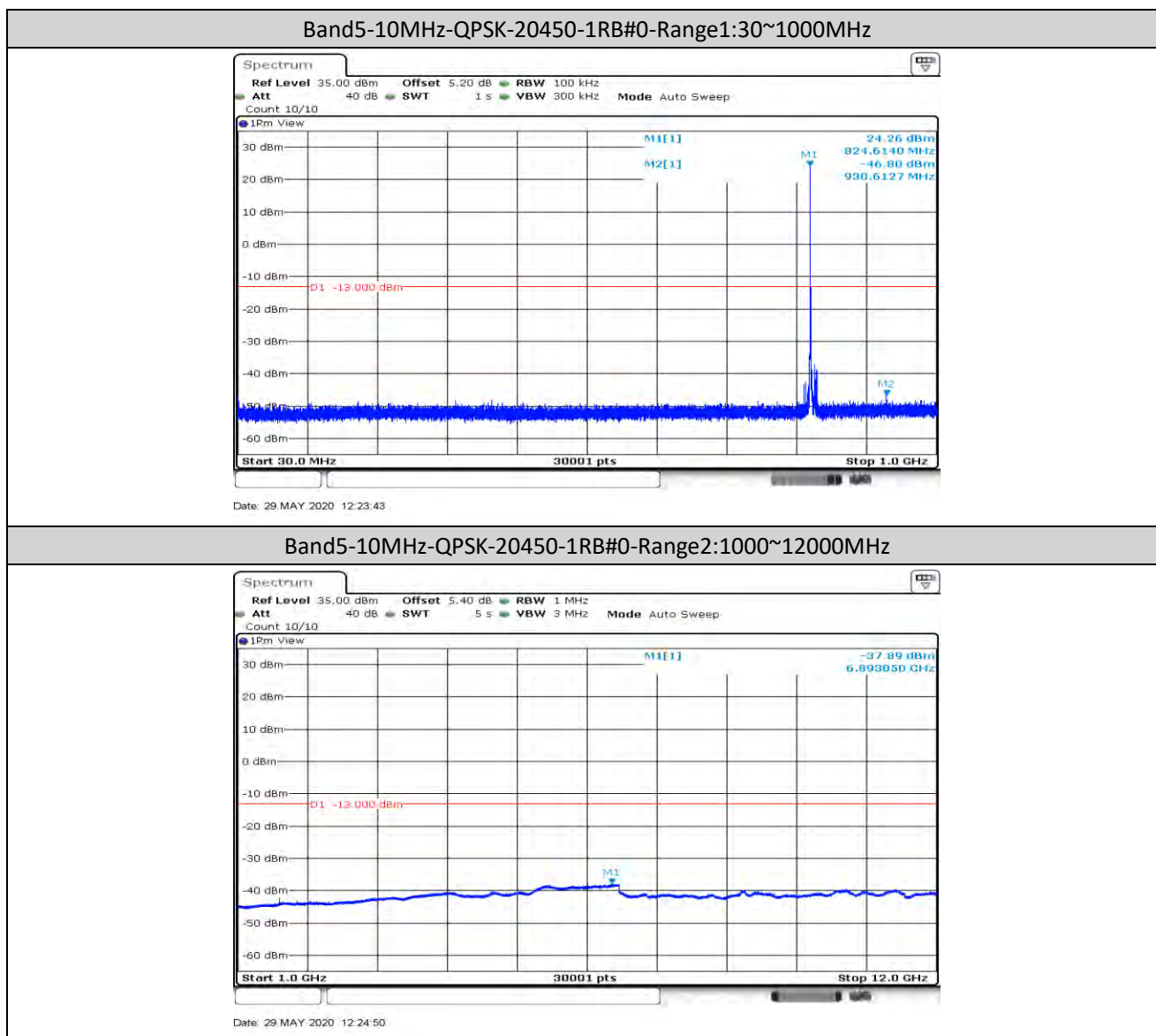
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6. Spurious Emission at Antenna Terminal

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.

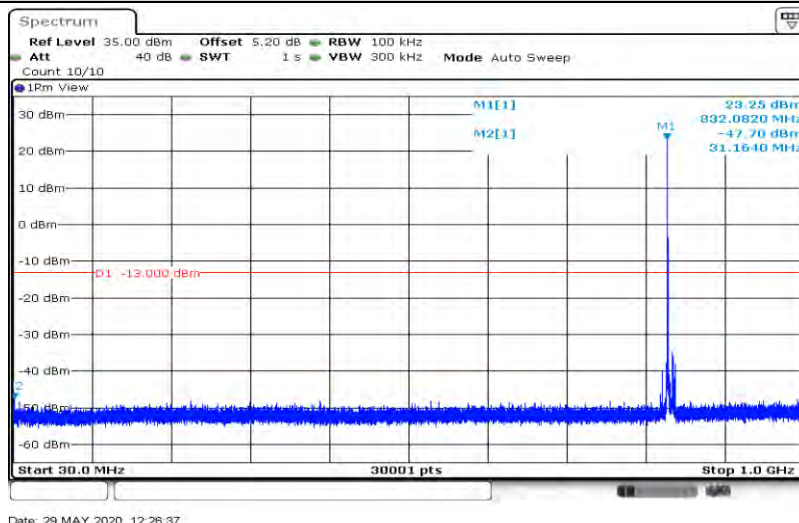
6.1. Test Plots



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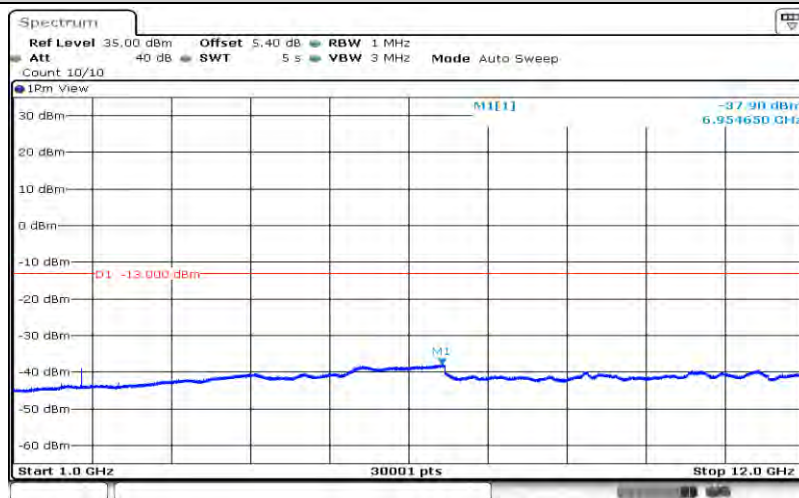
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Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



Date: 29 MAY 2020 12:28:37

Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~12000MHz



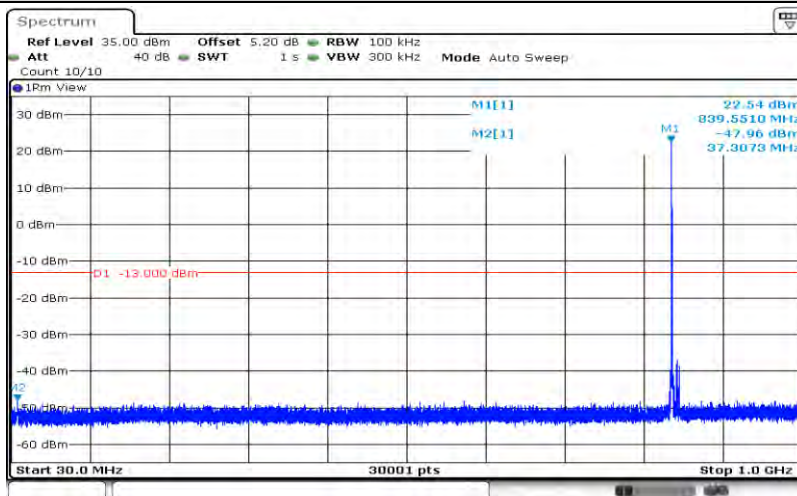
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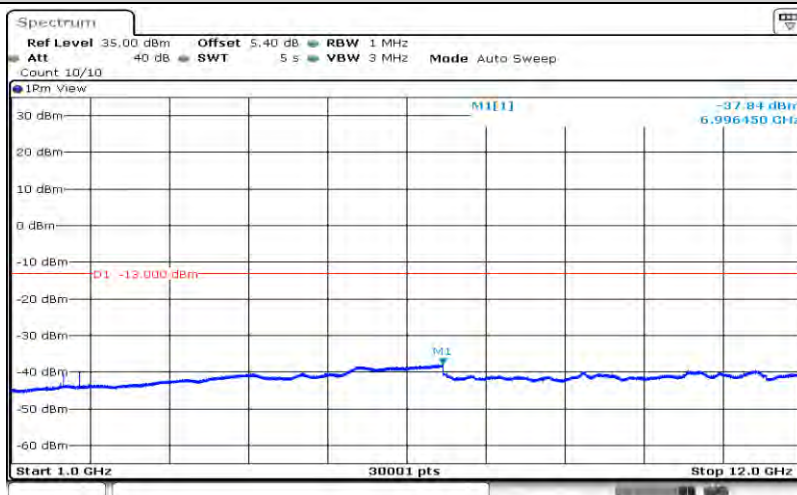
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Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz



Date: 29 MAY 2020 12:29:31

Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~12000MHz



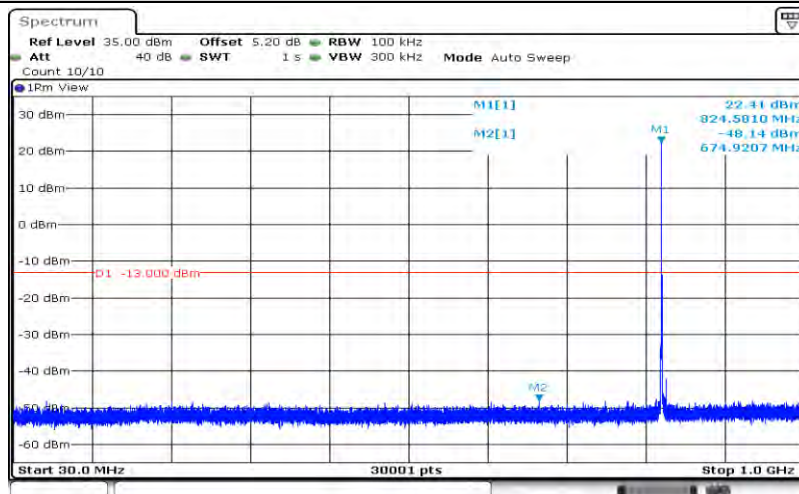
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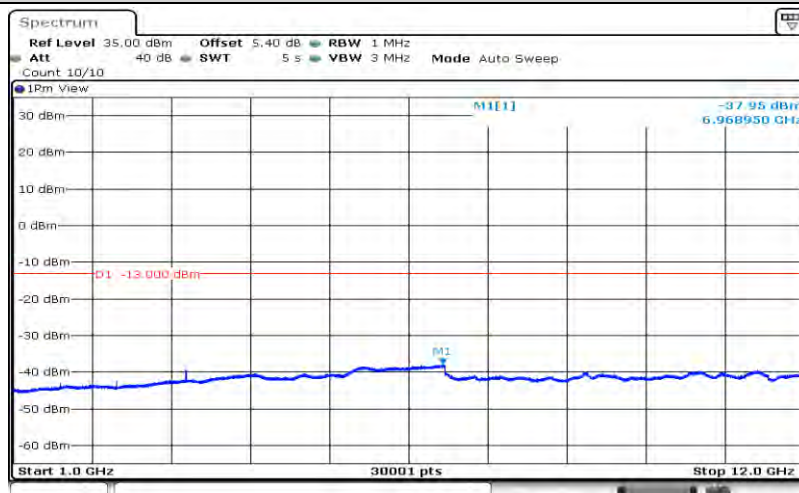
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Band5-10MHz-64QAM-20450-1RB#0-Range1:30~1000MHz



Date: 1 JUN. 2020 07:48:13

Band5-10MHz-64QAM-20450-1RB#0-Range2:1000~12000MHz



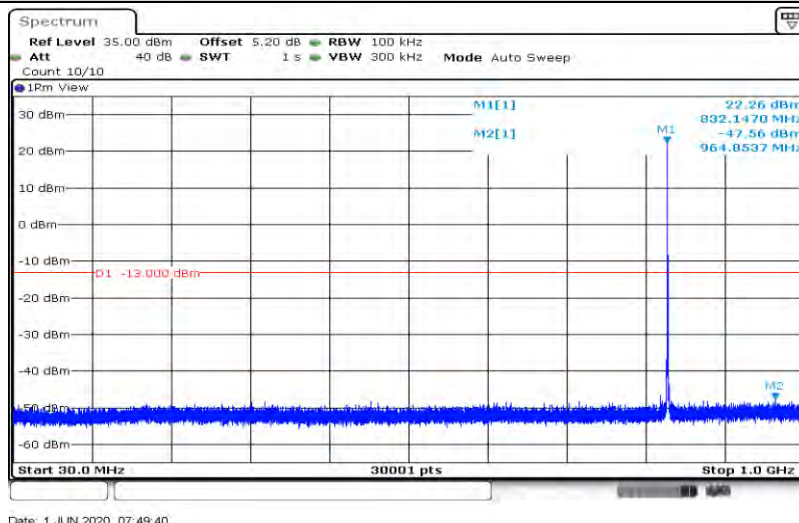
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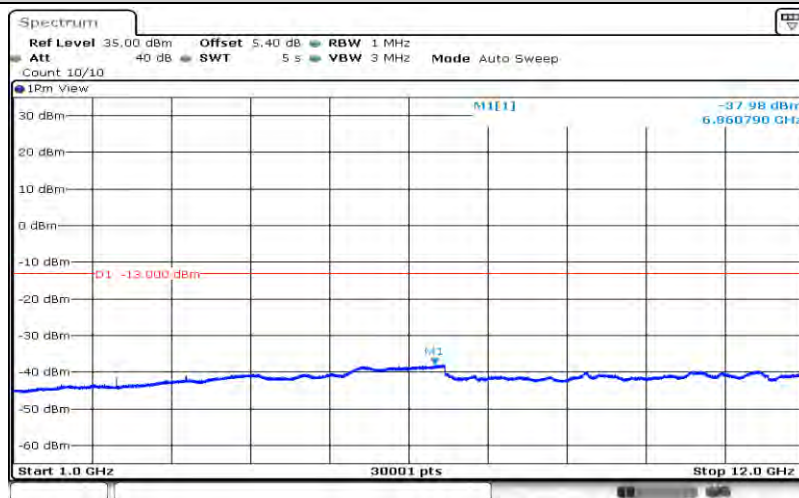
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Band5-10MHz-64QAM-20525-1RB#0-Range1:30~1000MHz



Date: 1 JUN. 2020 07:49:40

Band5-10MHz-64QAM-20525-1RB#0-Range2:1000~12000MHz



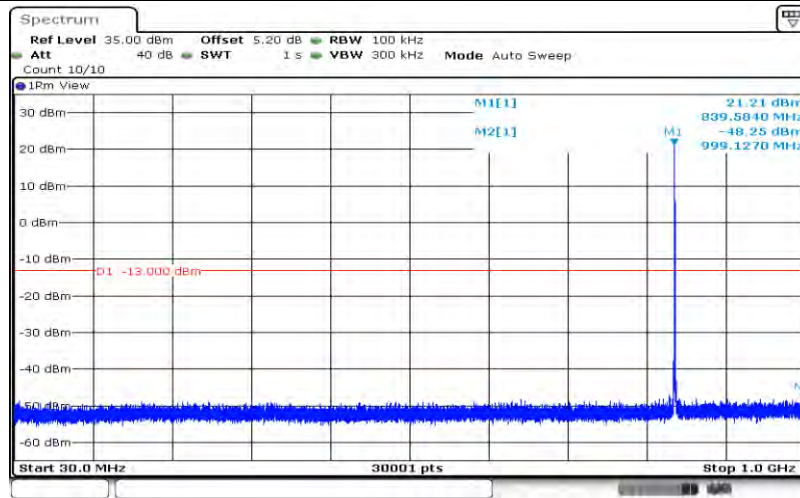
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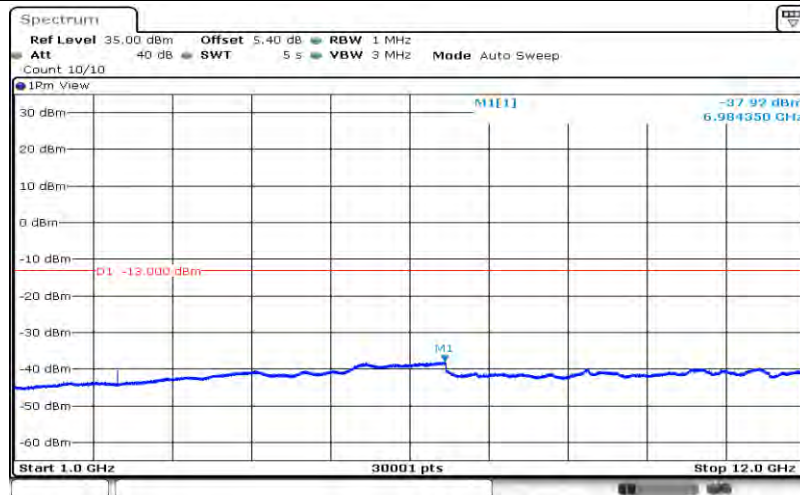
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Band5-10MHz-64QAM-20600-1RB#0-Range1:30~1000MHz



Date: 1 JUN 2020 07:51:07

Band5-10MHz-64QAM-20600-1RB#0-Range2:1000~12000MHz



Date: 1 JUN 2020 07:52:14

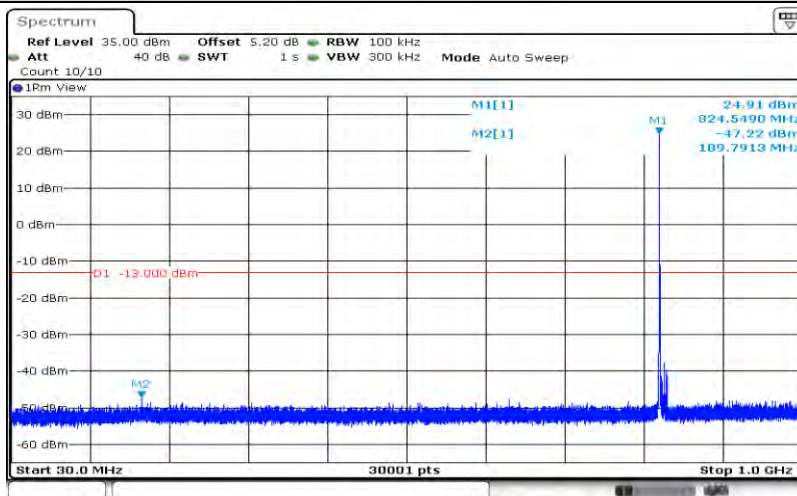


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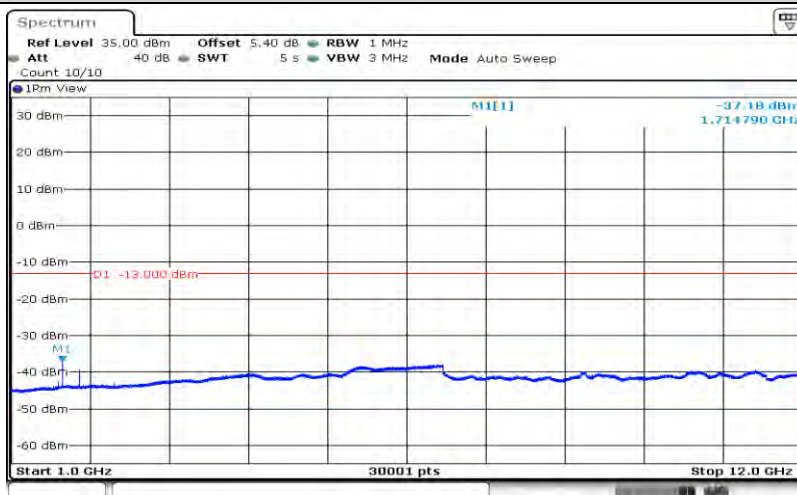
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Band5-10MHz-16QAM-20450-1RB#0-Range1:30~1000MHz



Date: 29 MAY 2020 12:25:10

Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~12000MHz



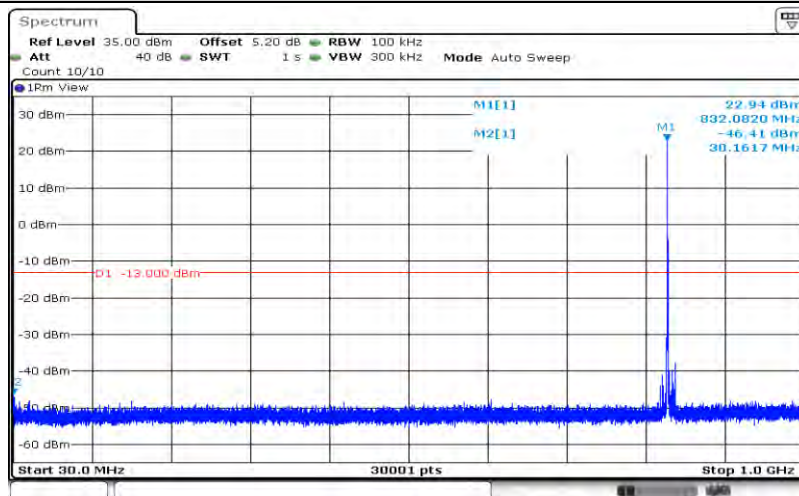
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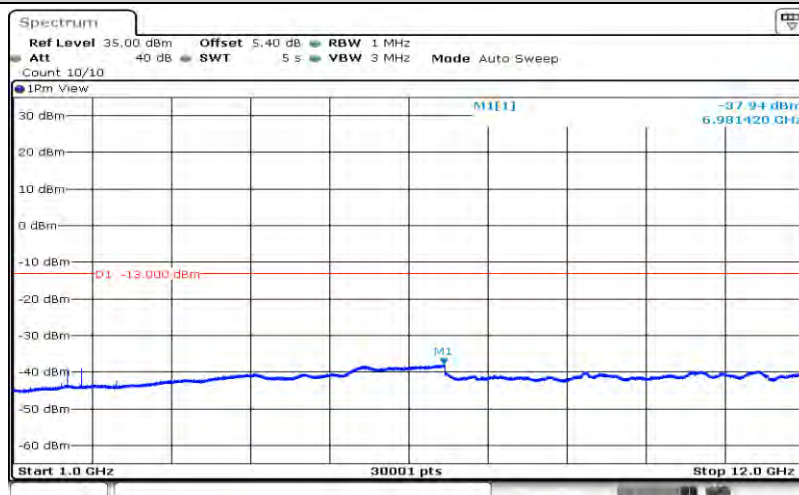
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Band5-10MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~12000MHz

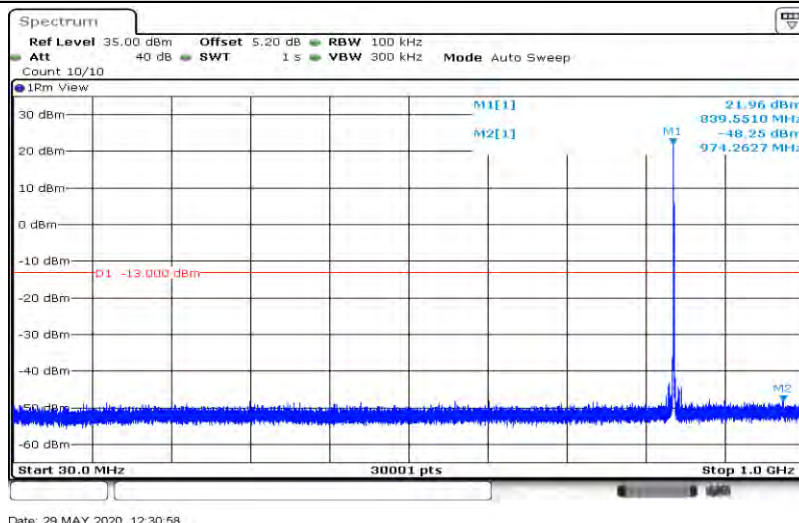


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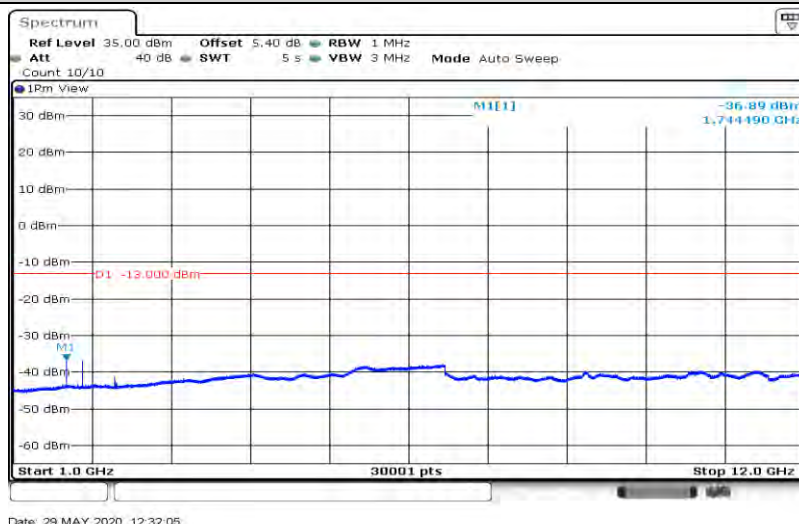
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Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz



Band5-10MHz-16QAM-20600-1RB#0-Range2:1000~12000MHz



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 10MHz(Down Antenna)

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
65.793333	-72.73	-13.00	59.73	222	21	Vertical
191.560000	-79.92	-13.00	66.92	159	16	Vertical
599.783333	-76.66	-13.00	63.66	208	338	Vertical
1624.000000	-65.13	-13.00	52.13	223	347	Vertical
2584.000000	-58.00	-13.00	45.00	181	251	Vertical
3495.787500	-68.22	-13.00	55.22	245	286	Vertical
62.013333	-73.66	-13.00	60.66	275	276	Horizontal
191.466667	-67.88	-13.00	54.88	194	131	Horizontal
1685.500000	-64.17	-13.00	51.17	230	91	Horizontal
2445.000000	-58.78	-13.00	45.78	299	139	Horizontal
3461.175000	-67.80	-13.00	54.80	189	41	Horizontal
7760.925000	-62.79	-13.00	49.79	268	92	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
65.000000	-73.52	-13.00	60.52	155	259	Vertical
191.513333	-79.61	-13.00	66.61	185	209	Vertical
1683.500000	-64.34	-13.00	51.34	233	94	Vertical
2575.000000	-58.11	-13.00	45.11	152	185	Vertical
3362.212500	-68.09	-13.00	55.09	191	65	Vertical
5371.687500	-66.00	-13.00	53.00	291	100	Vertical
63.693333	-74.33	-13.00	61.33	162	75	Horizontal
191.420000	-68.20	-13.00	55.20	280	103	Horizontal
615.366667	-75.85	-13.00	62.85	176	192	Horizontal
1654.000000	-64.51	-13.00	51.51	175	295	Horizontal
2585.500000	-58.50	-13.00	45.50	242	104	Horizontal
3556.237500	-67.70	-13.00	54.70	243	198	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
65.186667	-72.70	-13.00	59.70	290	217	Vertical
191.466667	-79.37	-13.00	66.37	281	39	Vertical
609.087500	-76.66	-13.00	63.66	190	311	Vertical
1684.000000	-64.33	-13.00	51.33	238	204	Vertical
2583.000000	-58.09	-13.00	45.09	285	70	Vertical
3459.712500	-68.11	-13.00	55.11	252	132	Vertical
64.300000	-73.26	-13.00	60.26	229	34	Horizontal
191.513333	-68.13	-13.00	55.13	217	305	Horizontal
1655.500000	-64.75	-13.00	51.75	226	190	Horizontal
2536.500000	-59.27	-13.00	46.27	294	147	Horizontal
3492.862500	-67.82	-13.00	54.82	247	266	Horizontal
5975.700000	-64.97	-13.00	51.97	263	309	Horizontal

7.2. Test Mode =LTE/TM1 10MHz(Up Antenna)

7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
66.866667	-71.00	-13.00	58.00	167	66	Vertical
191.606667	-79.69	-13.00	66.69	218	87	Vertical
605.191667	-76.46	-13.00	63.46	242	235	Vertical
1655.500000	-64.59	-13.00	51.59	253	273	Vertical
2473.500000	-54.74	-13.00	41.74	296	224	Vertical
3476.775000	-67.87	-13.00	54.87	266	25	Vertical
62.433333	-72.92	-13.00	59.92	181	113	Horizontal
191.513333	-69.17	-13.00	56.17	262	13	Horizontal
619.400000	-75.79	-13.00	62.79	257	297	Horizontal
1705.000000	-63.96	-13.00	50.96	151	288	Horizontal
2473.500000	-56.37	-13.00	43.37	287	234	Horizontal
3534.787500	-67.62	-13.00	54.62	267	74	Horizontal



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7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
66.073333	-71.38	-13.00	58.38	213	231	Vertical
191.560000	-79.18	-13.00	66.18	225	169	Vertical
618.666667	-76.60	-13.00	63.60	230	251	Vertical
1682.000000	-64.29	-13.00	51.29	261	40	Vertical
2496.000000	-54.36	-13.00	41.36	232	14	Vertical
3453.375000	-67.84	-13.00	54.84	190	292	Vertical
63.460000	-73.59	-13.00	60.59	298	347	Horizontal
191.513333	-68.92	-13.00	55.92	215	198	Horizontal
622.333333	-75.59	-13.00	62.59	288	130	Horizontal
1655.500000	-64.63	-13.00	51.63	202	360	Horizontal
2496.500000	-56.13	-13.00	43.13	285	200	Horizontal
3382.687500	-68.24	-13.00	55.24	247	232	Horizontal

7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
66.866667	-70.84	-13.00	57.84	297	337	Vertical
191.513333	-78.56	-13.00	65.56	151	289	Vertical
612.525000	-76.13	-13.00	63.13	213	109	Vertical
1684.500000	-64.25	-13.00	51.25	222	344	Vertical
2518.500000	-56.01	-13.00	43.01	217	339	Vertical
3285.675000	-67.59	-13.00	54.59	297	24	Vertical
62.433333	-73.18	-13.00	60.18	298	155	Horizontal
191.560000	-69.00	-13.00	56.00	205	50	Horizontal
610.875000	-75.99	-13.00	62.99	216	26	Horizontal
1626.500000	-64.93	-13.00	51.93	237	65	Horizontal
2519.000000	-57.23	-13.00	44.23	231	192	Horizontal
3510.900000	-67.98	-13.00	54.98	201	227	Horizontal

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	-3.50	-0.004222	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	1.30	0.001568	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-3.30	-0.003981	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-4.60	-0.005499	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-3.50	-0.004184	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	2.50	0.002989	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	3.00	0.003555	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-2.30	-0.002725	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-0.70	-0.000829	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VL	NT	1.80	0.002171	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VN	NT	-3.40	-0.004101	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VH	NT	-1.70	-0.002051	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VL	NT	-1.80	-0.002152	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VN	NT	-0.70	-0.000837	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VH	NT	-1.20	-0.001435	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VL	NT	3.90	0.004621	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VN	NT	0.40	0.000474	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VH	NT	-0.10	-0.000118	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	0.40	0.000483	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-3.80	-0.004584	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-2.20	-0.002654	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-3.90	-0.004662	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-3.20	-0.003825	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-3.20	-0.003825	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	2.60	0.003081	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-6.30	-0.007464	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	3.70	0.004384	±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
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Band5	10MHz	QPSK	20450	50RB#0	NV	-30	-1.90	-0.002292	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-1.80	-0.002171	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	0.90	0.001086	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-3.80	-0.004584	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	0.80	0.000965	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-1.20	-0.001448	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-3.30	-0.003981	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-2.60	-0.003136	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	0.30	0.000359	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-1.30	-0.001554	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-1.90	-0.002271	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-1.20	-0.001435	±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	-1.60	-0.001913	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-2.70	-0.003228	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-1.40	-0.001674	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-3.40	-0.004028	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-4.90	-0.005806	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-0.30	-0.000355	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	1.30	0.001540	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-3.20	-0.003791	±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	40	1.60	0.001896	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-4.70	-0.005569	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-30	-2.50	-0.003016	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-20	2.50	0.003016	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	0	4.90	0.005911	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	10	-2.70	-0.003257	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	20	-1.50	-0.001809	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	30	-0.80	-0.000965	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	40	-0.20	-0.000241	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	50	-1.90	-0.002292	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-30	-3.00	-0.003586	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-20	5.00	0.005977	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	0	3.20	0.003825	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	10	3.50	0.004184	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	20	4.50	0.005380	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	30	1.60	0.001913	±2.5	PASS



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Band5	10MHz	64QAM	20525	50RB#0	NV	40	4.00	0.004782	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	50	3.10	0.003706	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-30	-1.60	-0.001896	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-20	0.20	0.000237	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	0	3.00	0.003555	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	10	2.50	0.002962	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	20	2.50	0.002962	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	30	1.80	0.002133	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	40	-0.90	-0.001066	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	50	-0.10	-0.000118	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-5.20	-0.006273	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	0.40	0.000483	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-4.30	-0.005187	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-0.30	-0.000362	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	-4.00	-0.004825	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	-3.10	-0.003739	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	1.70	0.002051	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	-2.10	-0.002533	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-2.90	-0.003467	±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	0	-4.90	-0.005858	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-5.10	-0.006097	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	0.50	0.000598	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-2.20	-0.002630	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	-4.70	-0.005619	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	1.40	0.001674	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	-4.50	-0.005332	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	4.00	0.004739	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-0.10	-0.000118	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	-1.20	-0.001422	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-1.50	-0.001777	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	-2.30	-0.002725	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	-3.10	-0.003673	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	-4.60	-0.005450	±2.5	PASS

