



Appendix B

E-UTRA Band 5



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted	ERP	Limit	Verdict
					Power(dBm)	(dBm)	(dBm)	
Band5	1.4MHz	QPSK	20407	1RB#2	23.16	24.01	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	22.99	23.84	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.05	23.90	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.14	23.99	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.13	23.98	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.19	24.04	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.14	22.99	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.15	24.00	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.05	23.90	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.05	23.90	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.14	23.99	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.19	24.04	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.13	23.98	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.12	22.97	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.10	23.95	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.90	23.75	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.96	23.81	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.12	23.97	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.04	23.89	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.07	23.92	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.10	22.95	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	21.21	22.06	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	21.23	22.08	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	21.41	22.26	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	21.27	22.12	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	21.24	22.09	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	21.31	22.16	38.45	PASS



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Band5	1.4MHz	64QAM	20407	6RB#0	20.18	21.03	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	21.21	22.06	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	21.34	22.19	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	21.21	22.06	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	21.21	22.06	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	21.26	22.11	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	21.13	21.98	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.13	20.98	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.06	21.91	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	21.23	22.08	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	20.99	21.84	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	21.11	21.96	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	21.16	22.01	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	21.13	21.98	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.06	20.91	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.17	23.02	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.19	23.04	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.38	23.23	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.24	23.09	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.15	23.00	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.23	23.08	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.24	22.09	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.20	23.05	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.34	23.19	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.24	23.09	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.22	23.07	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.29	23.14	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.18	23.03	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.23	22.08	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.22	23.07	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.21	23.06	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.10	22.95	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.07	22.92	38.45	PASS



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Band5	1.4MHz	16QAM	20643	3RB#3	22.01	22.86	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.12	22.97	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.18	22.03	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.11	23.96	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.12	23.97	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.10	23.95	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.14	22.99	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.19	23.04	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.12	22.97	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.15	23.00	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.10	23.95	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.11	23.96	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.16	24.01	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.16	23.01	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.10	22.95	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.14	22.99	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.12	22.97	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.03	23.88	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.99	23.84	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.03	23.88	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.04	22.89	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.05	22.90	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.08	22.93	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.07	22.92	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	21.26	22.11	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	21.34	22.19	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	21.31	22.16	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	20.18	21.03	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	20.20	21.05	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	20.21	21.06	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	20.12	20.97	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	21.25	22.10	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	21.28	22.13	38.45	PASS



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Band5	3MHz	64QAM	20525	1RB#0	21.19	22.04	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	20.13	20.98	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	20.09	20.94	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	20.15	21.00	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	20.08	20.93	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	21.12	21.97	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	21.13	21.98	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	21.08	21.93	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	20.08	20.93	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	20.03	20.88	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	20.03	20.88	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.02	20.87	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.22	23.07	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.40	23.25	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.26	23.11	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.24	22.09	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.26	22.11	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.29	22.14	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.13	21.98	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.41	23.26	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.33	23.18	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.28	23.13	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.20	22.05	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.26	22.11	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.25	22.10	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.14	21.99	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.17	23.02	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.19	23.04	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.29	23.14	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.13	21.98	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.09	21.94	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.16	22.01	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.06	21.91	38.45	PASS



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Band5	5MHz	QPSK	20425	1RB#0	23.00	23.85	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.27	24.12	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.03	23.88	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.12	22.97	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.20	23.05	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.09	22.94	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.13	22.98	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.25	24.10	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.96	23.81	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.03	23.88	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.12	22.97	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.17	23.02	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.15	23.00	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.12	22.97	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.94	23.79	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.91	23.76	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.17	24.02	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.98	22.83	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.11	22.96	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.07	22.92	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.03	22.88	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	21.23	22.08	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	21.44	22.29	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	21.17	22.02	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	20.20	21.05	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	20.16	21.01	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	20.10	20.95	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	20.18	21.03	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	21.38	22.23	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	21.09	21.94	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	21.07	21.92	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	20.10	20.95	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	20.18	21.03	38.45	PASS



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Band5	5MHz	64QAM	20525	12RB#0	20.10	20.95	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.13	20.98	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	21.05	21.90	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	21.33	22.18	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	21.11	21.96	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	20.07	20.92	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	19.96	20.81	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	20.05	20.90	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.04	20.89	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.41	23.26	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.20	23.05	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.19	23.04	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.22	22.07	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.11	21.96	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.23	22.08	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.19	22.04	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.54	23.39	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.28	23.13	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.33	23.18	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.17	22.02	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.20	22.05	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.23	22.08	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.19	22.04	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.10	22.95	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.40	23.25	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.09	22.94	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.14	21.99	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.05	21.90	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.11	21.96	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.08	21.93	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.15	24.00	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.23	24.08	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.12	23.97	38.45	PASS



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Band5	10MHz	QPSK	20450	25RB#25	22.17	23.02	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.19	23.04	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.19	23.04	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.15	23.00	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.15	24.00	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.24	24.09	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.06	23.91	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.17	23.02	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.14	22.99	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.26	23.11	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.21	23.06	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.03	23.88	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.09	23.94	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.13	23.98	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.14	22.99	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.09	22.94	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.14	22.99	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.10	22.95	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	21.26	22.11	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	21.40	22.25	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.26	22.11	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	20.21	21.06	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	20.21	21.06	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	20.17	21.02	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	20.17	21.02	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.21	22.06	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	21.36	22.21	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	21.26	22.11	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	20.24	21.09	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	20.12	20.97	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	20.16	21.01	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.21	21.06	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	21.14	21.99	38.45	PASS



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Band5	10MHz	64QAM	20600	1RB#24	21.21	22.06	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	21.27	22.12	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	20.12	20.97	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	20.14	20.99	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	20.06	20.91	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.12	20.97	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.42	23.27	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.46	23.31	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.26	23.11	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.18	22.03	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.24	22.09	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.22	22.07	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.17	22.02	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.42	23.27	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.37	23.22	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.35	23.20	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.23	22.08	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.29	22.14	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.20	22.05	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.27	22.12	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.43	23.28	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.33	23.18	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.38	23.23	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.16	22.01	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.17	22.02	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.09	21.94	38.45	PASS

Remark:

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

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

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



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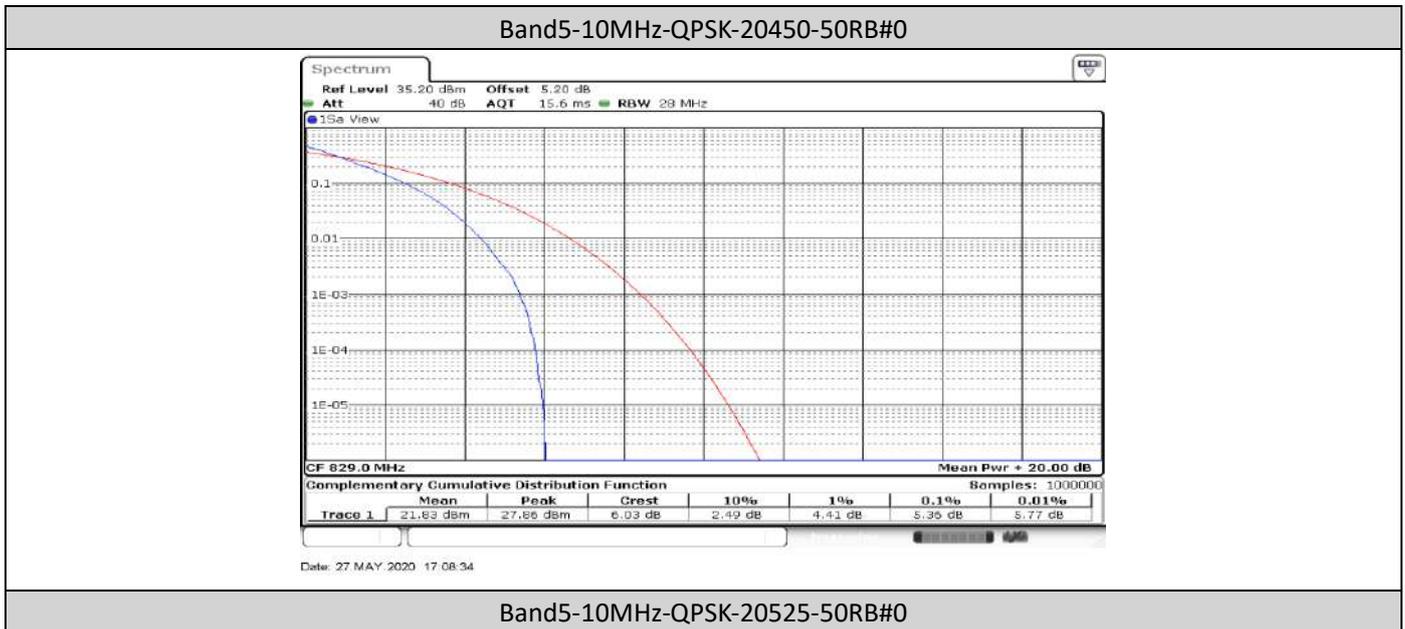


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

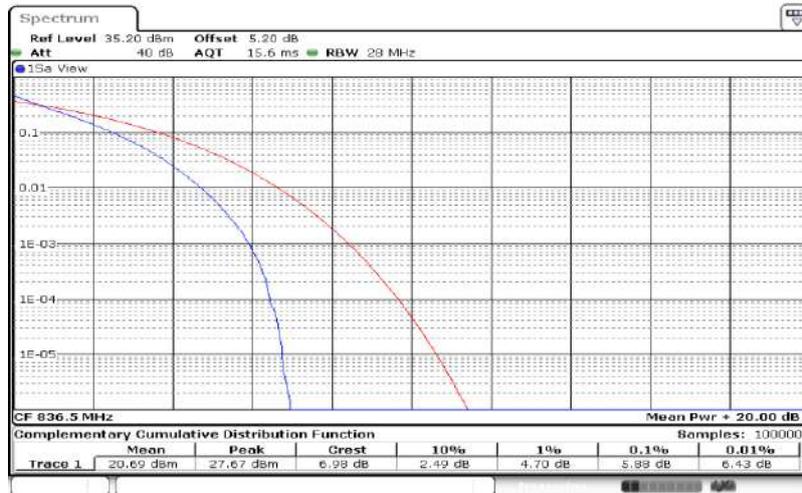
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	5.36	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.88	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.42	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	6.58	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.84	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	6.43	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.00	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.52	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.09	13	PASS

2.2. Test Plots



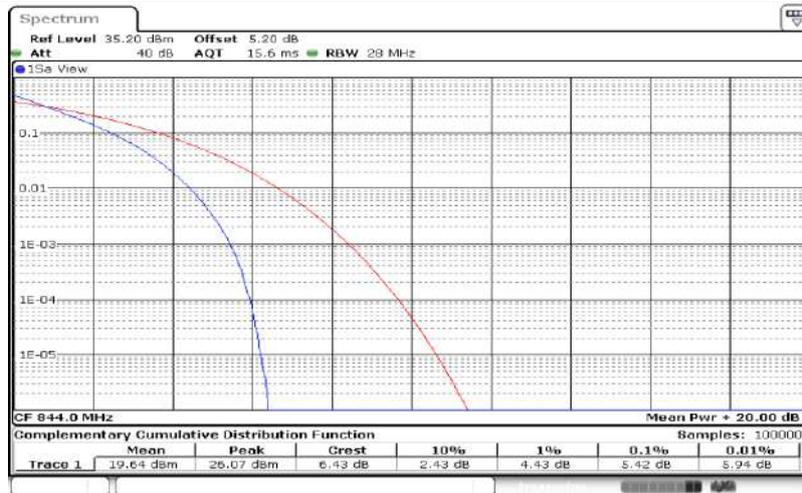
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Date: 27 MAY 2020 17:08:57

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

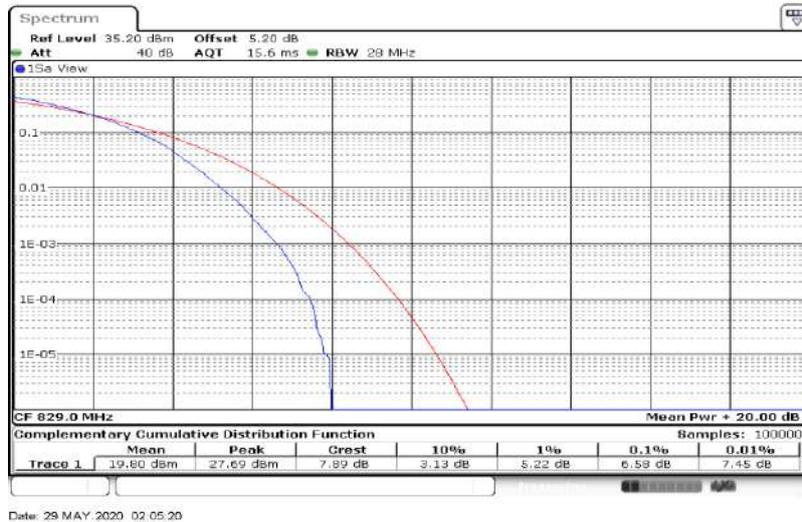


Date: 27 MAY 2020 17:09:20

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

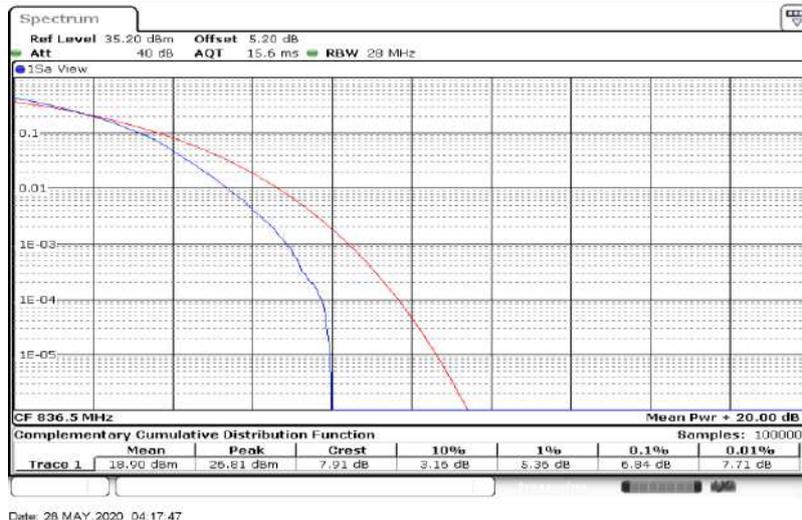


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Date: 29 MAY 2020 02:05:20

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

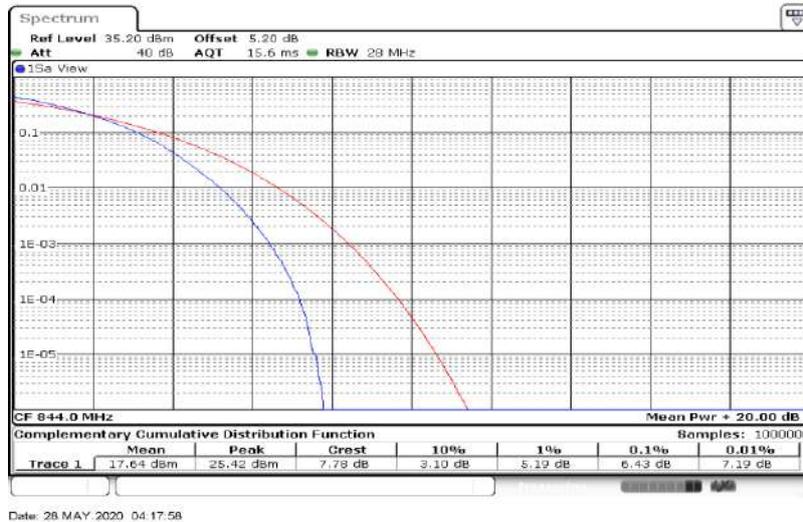


Date: 28 MAY 2020 04:17:47

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

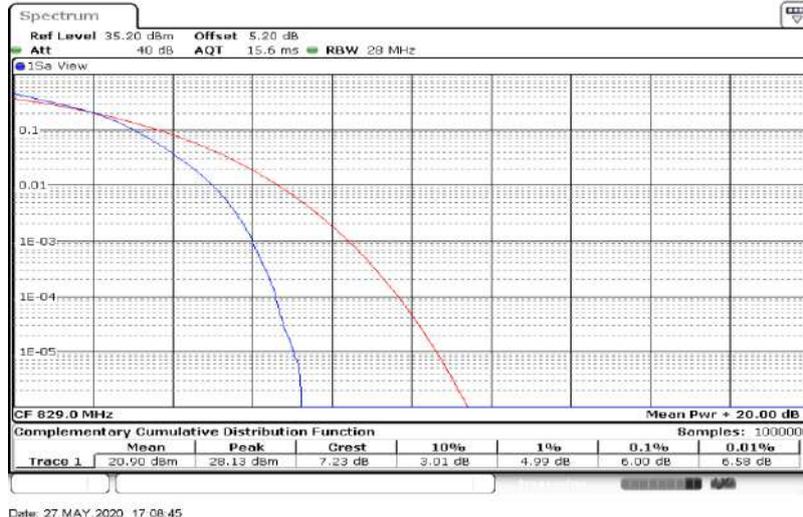


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Date: 26 MAY 2020 04:17:58

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

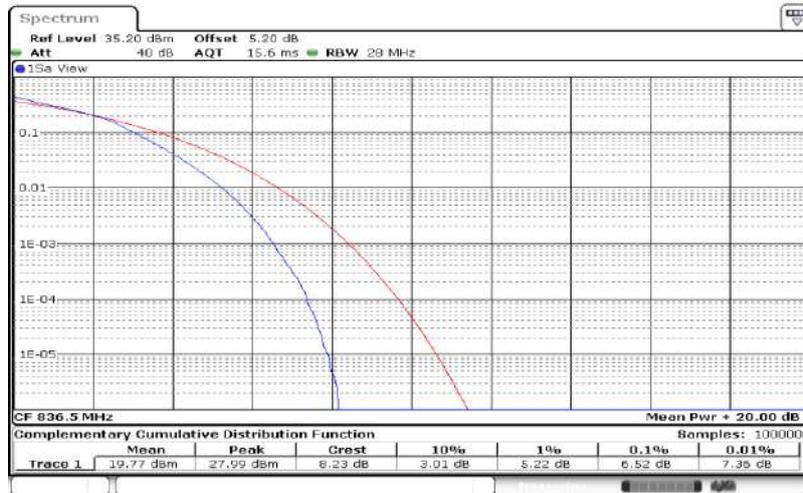


Date: 27 MAY 2020 17:08:45

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

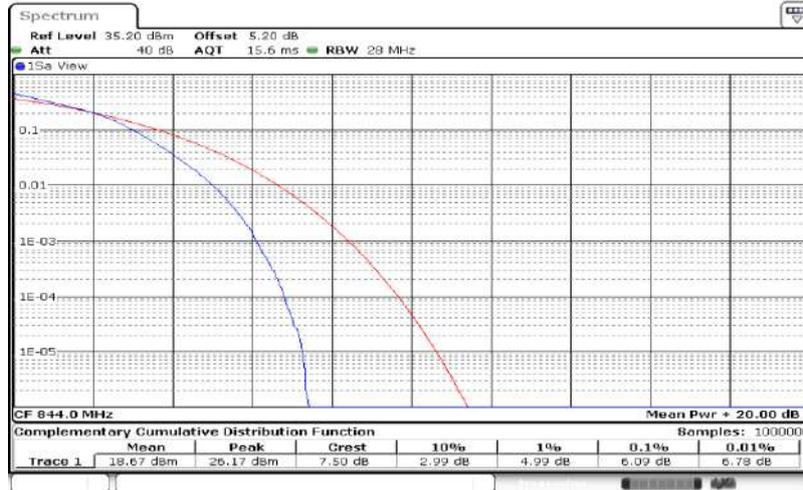


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Date: 27 MAY 2020 17:09:06

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



Date: 27 MAY 2020 17:09:31

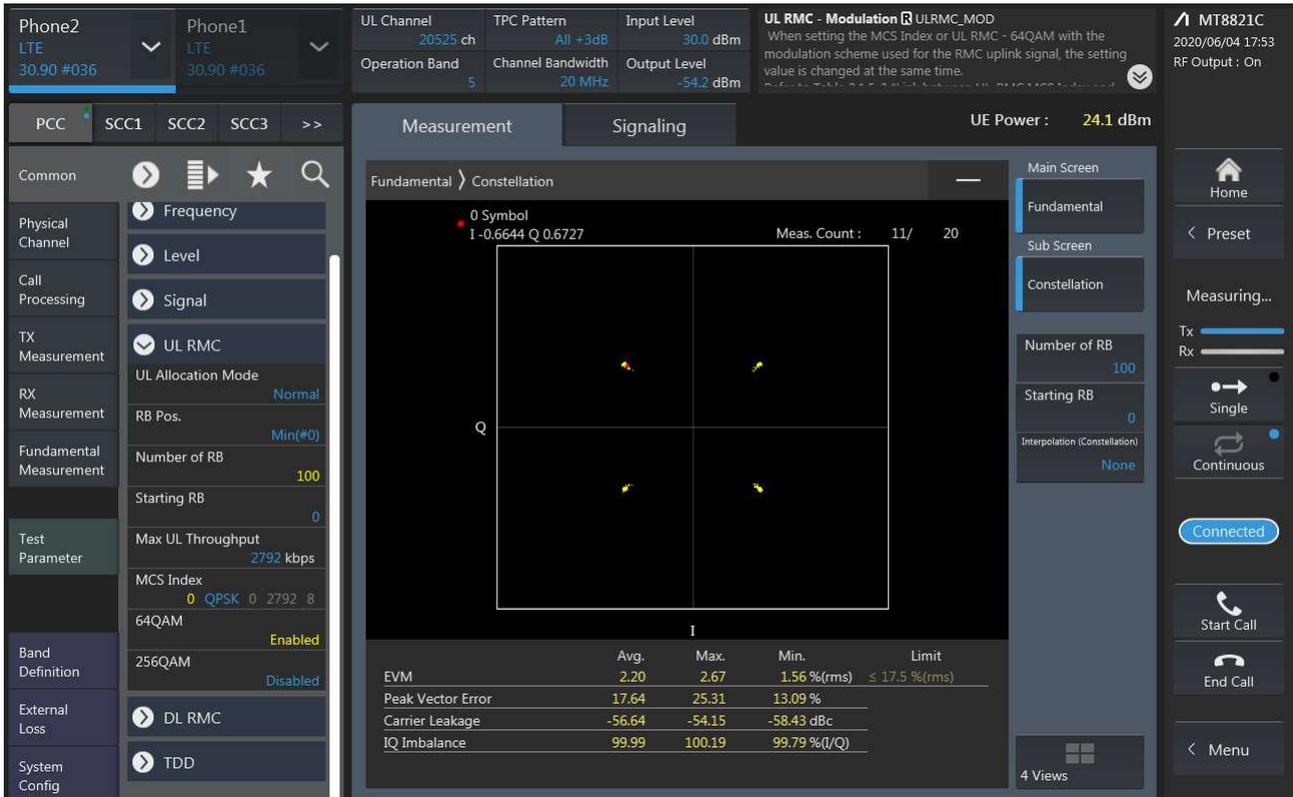


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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 10MHz

3.1.1. Test Channel = MCH



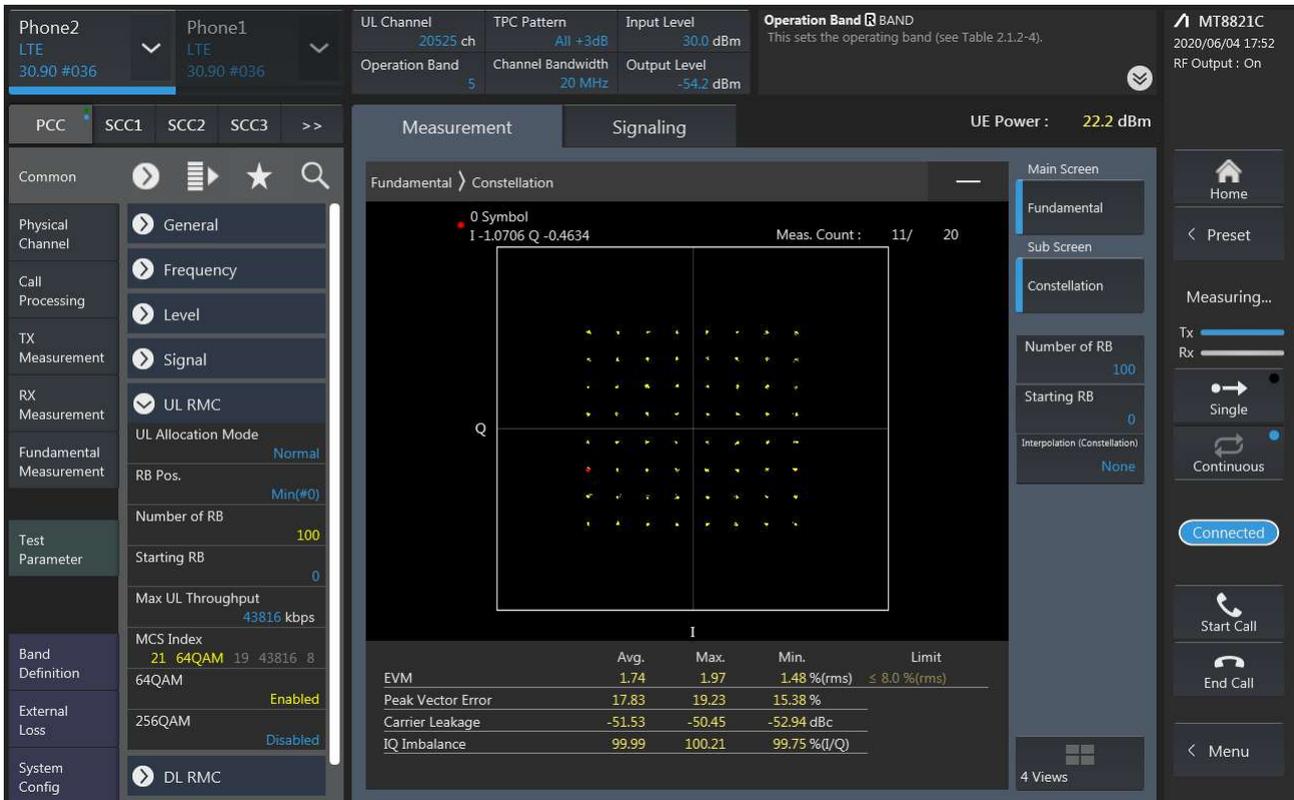
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3.3. Test Mode = LTE /TM3 10MHz

3.3.1. Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.088	1.287	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.088	1.281	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.091	1.287	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.091	1.281	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.094	1.284	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.094	1.293	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.088	1.284	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.088	1.290	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.088	1.284	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.691	2.928	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.691	2.922	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.685	2.916	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.685	2.982	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.679	2.910	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.679	2.904	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.679	2.904	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.679	2.910	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.679	2.910	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.476	4.840	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.476	4.970	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.466	4.820	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.486	5.020	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.476	4.840	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.466	5.000	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.486	4.960	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.476	4.840	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.486	4.820	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.911	9.560	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.951	9.660	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.911	9.580	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.931	9.540	PASS



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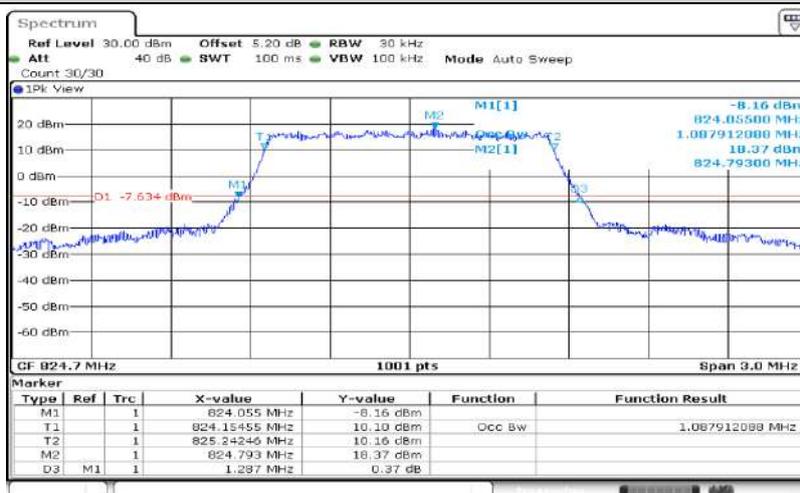
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Band5	10MHz	64QAM	20525	50RB#0	8.931	9.620	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.911	9.500	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.931	9.580	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.931	9.620	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.891	9.580	PASS

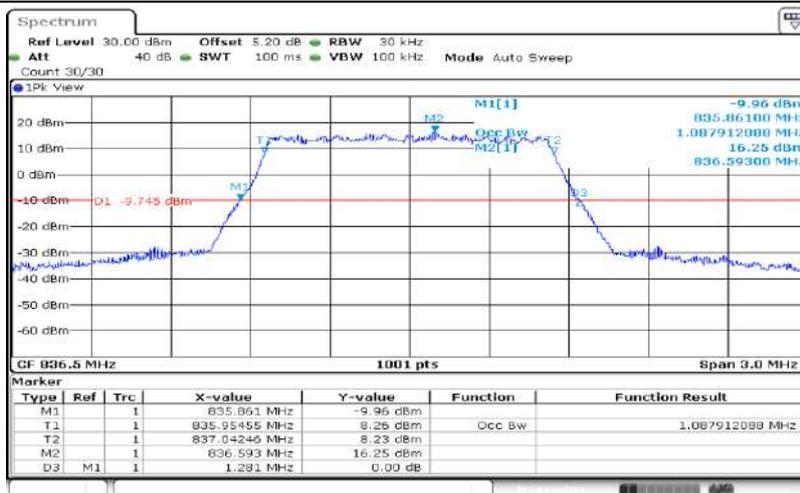
4.2. Test Plots

Band5-1.4MHz-QPSK-20407-6RB#0-1.088



Date: 27 MAY 2020 16:41:54

Band5-1.4MHz-QPSK-20525-6RB#0-1.088



Date: 27 MAY 2020 16:42:20

Band5-1.4MHz-QPSK-20643-6RB#0-1.091

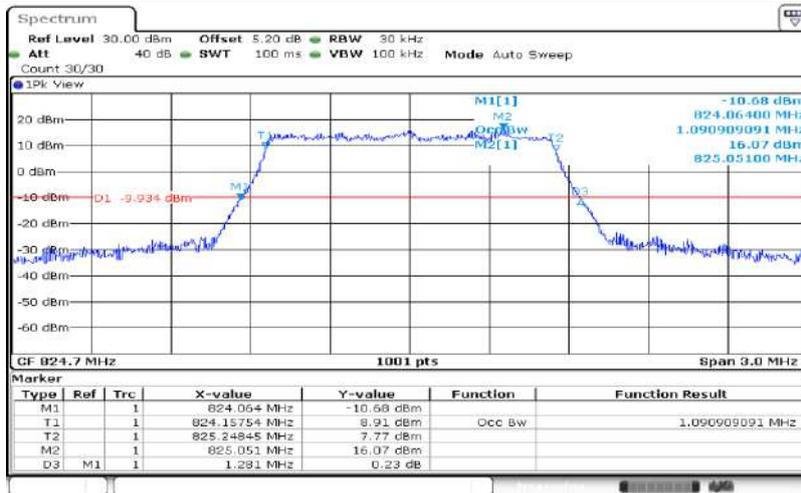


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Date: 27 MAY 2020 10:42:47

Band5-1.4MHz-64QAM-20407-6RB#0-1.091



Date: 29 MAY 2020 01:57:59

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

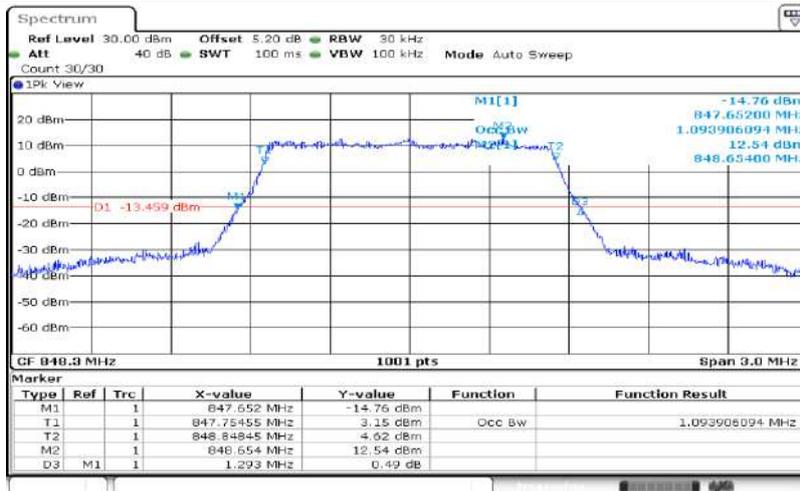


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Date: 26 MAY 2020 04:02:15

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



Date: 26 MAY 2020 04:02:27

Band5-1.4MHz-16QAM-20407-6RB#0-1.088



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Date: 27 MAY 2020 16:42:07

Band5-1.4MHz-16QAM-20525-6RB#0-1.088



Date: 27 MAY 2020 16:42:33

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

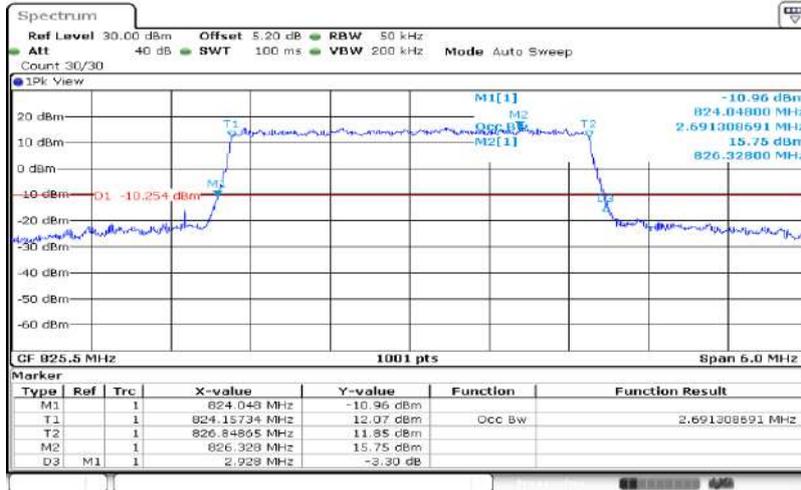


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Date: 27 MAY 2020 16:42:59

Band5-3MHz-QPSK-20415-15RB#0-2.691

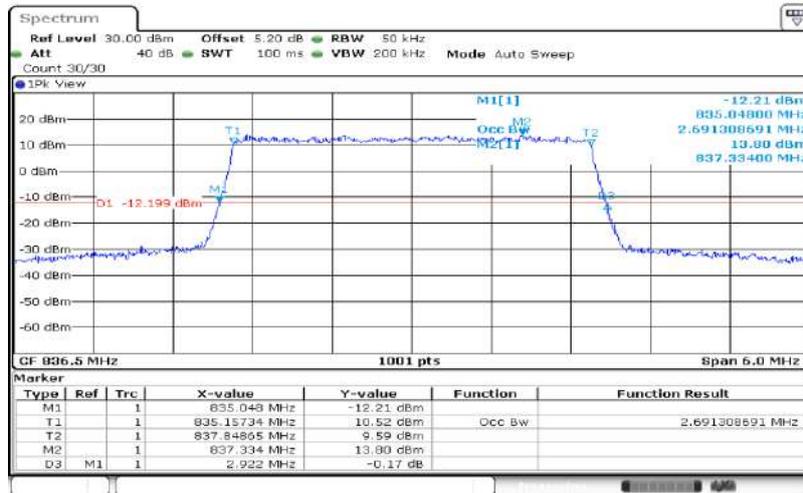


Date: 27 MAY 2020 16:43:18

Band5-3MHz-QPSK-20525-15RB#0-2.691

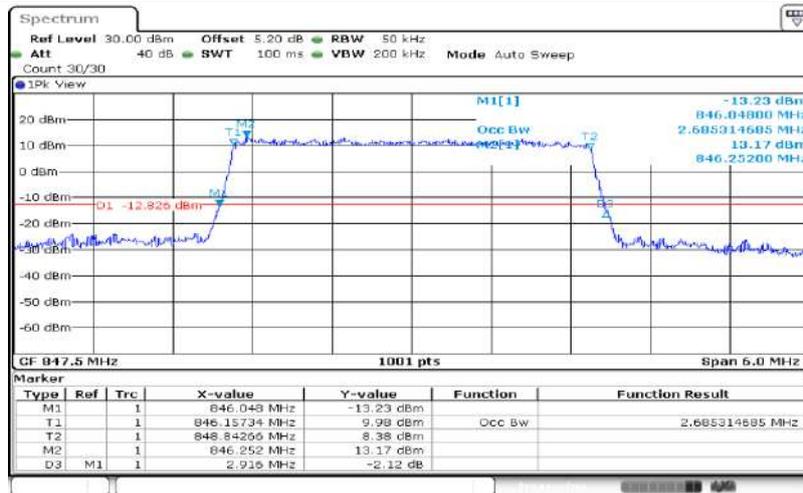


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Date: 27 MAY 2020 16:43:44

Band5-3MHz-QPSK-20635-15RB#0-2.685

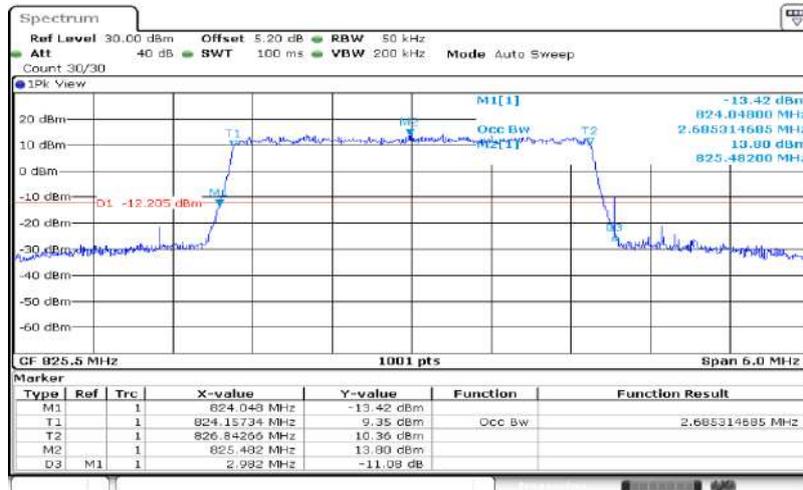


Date: 27 MAY 2020 16:44:10

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



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Date: 29 MAY 2020 01:58:19

Band5-3MHz-64QAM-20525-15RB#0-2.679

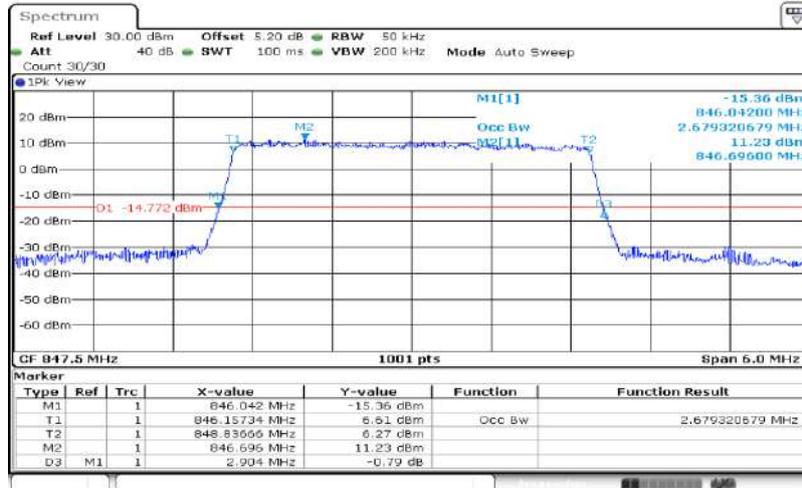


Date: 28 MAY 2020 04:07:05

Band5-3MHz-64QAM-20635-15RB#0-2.679

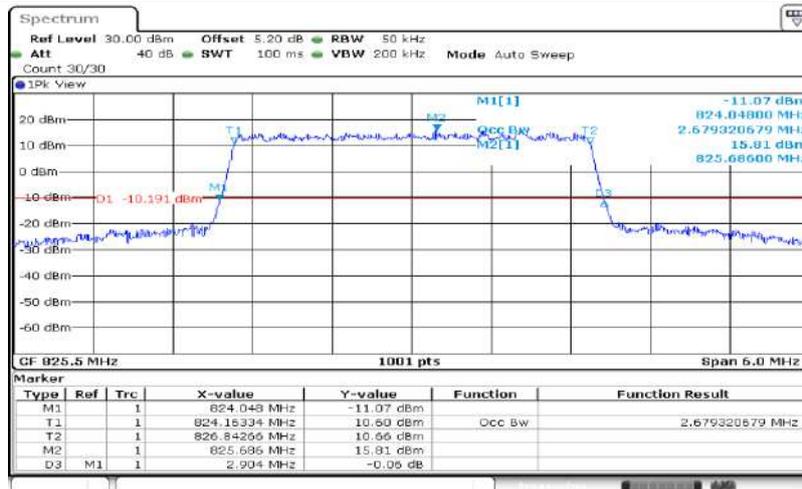


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Date: 26 MAY 2020 04:07:18

Band5-3MHz-16QAM-20415-15RB#0-2.679

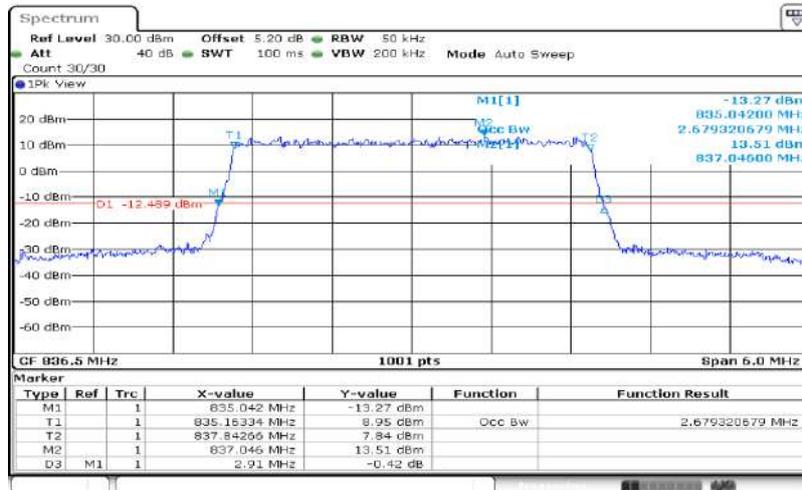


Date: 27 MAY 2020 16:43:30

Band5-3MHz-16QAM-20525-15RB#0-2.679



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Date: 27 MAY 2020 16:43:56

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

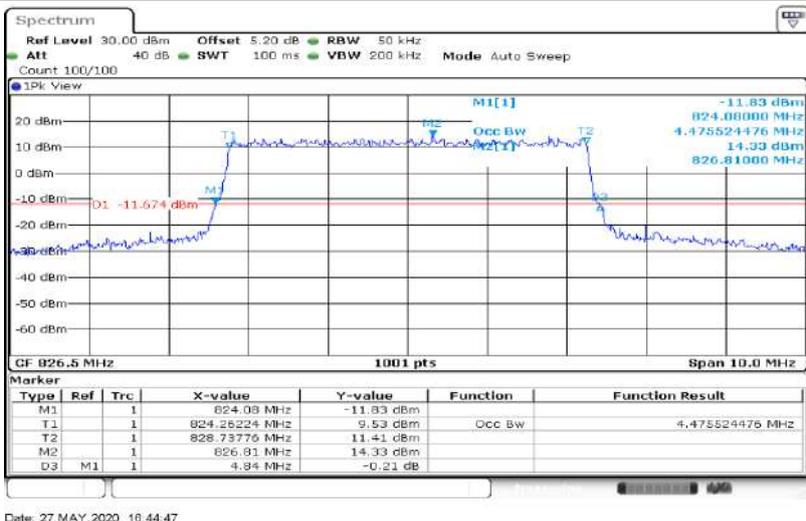


Date: 27 MAY 2020 16:44:23

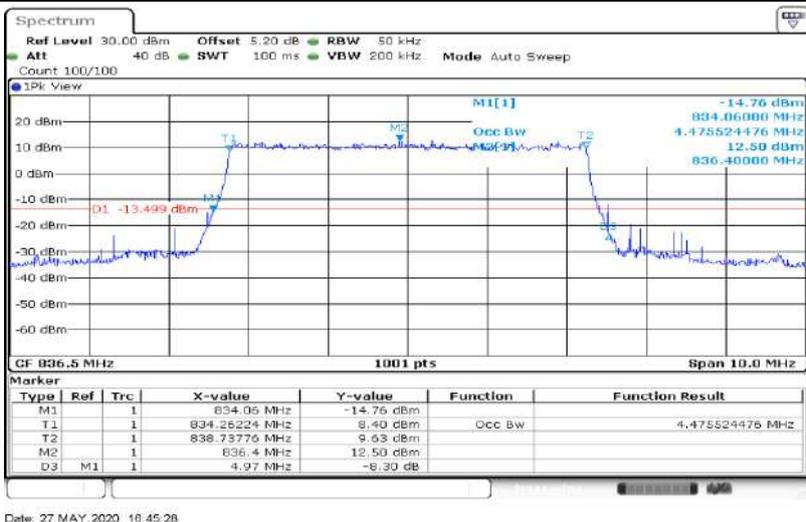
Band5-5MHz-QPSK-20425-25RB#0-4.476



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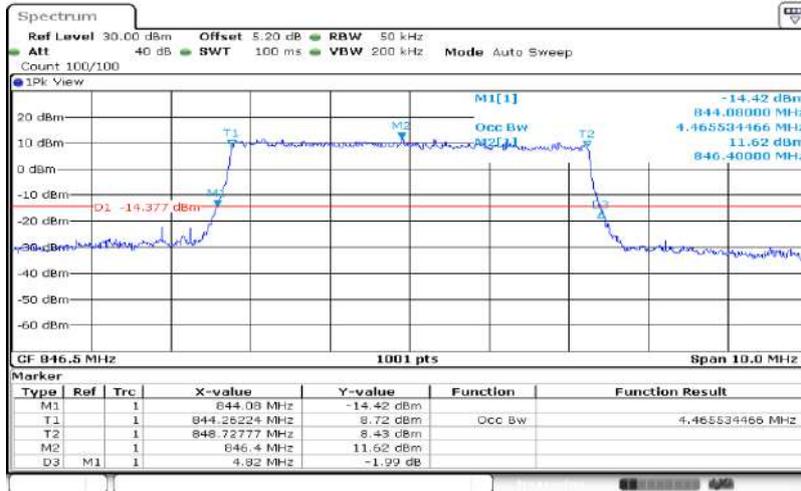
Band5-5MHz-QPSK-20525-25RB#0-4.476



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

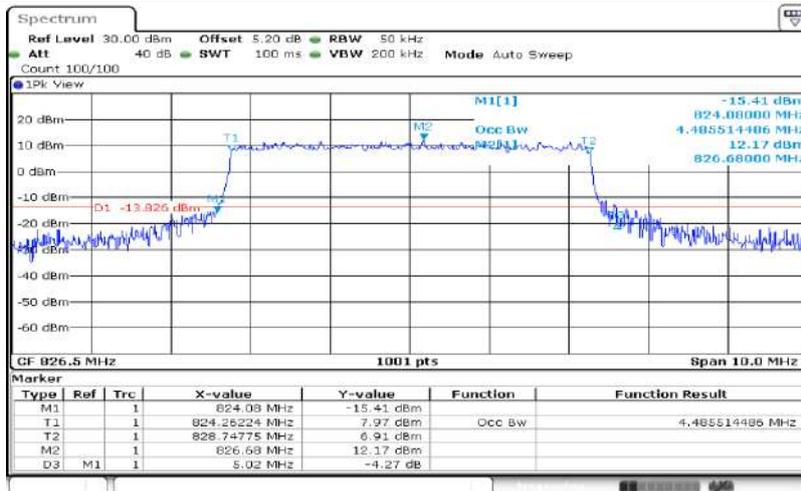


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Date: 27 MAY 2020 10:46:08

Band5-5MHz-64QAM-20425-25RB#0-4.486

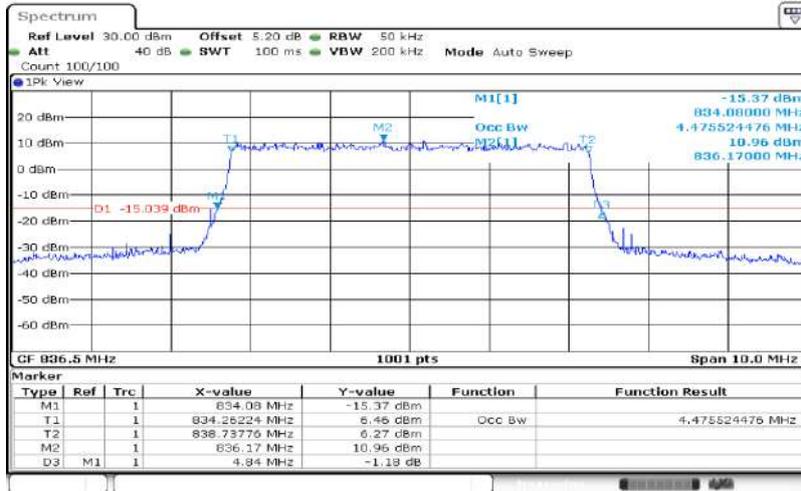


Date: 29 MAY 2020 01:58:45

Band5-5MHz-64QAM-20525-25RB#0-4.476

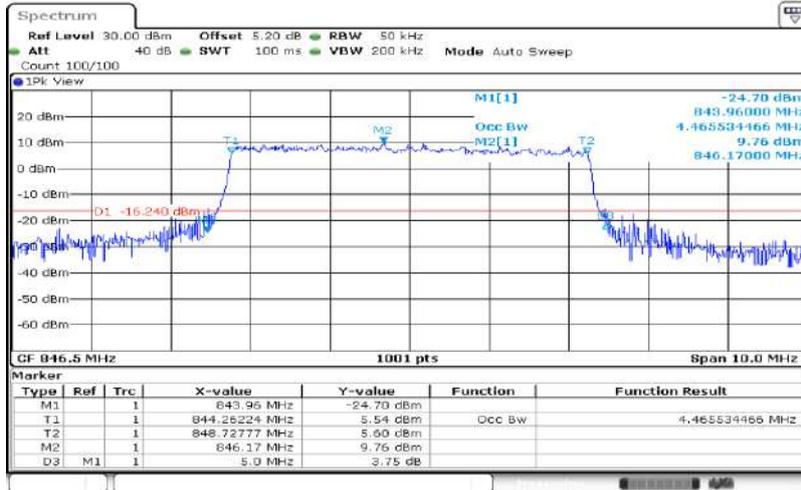


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Date: 26 MAY 2020 04:07:42

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

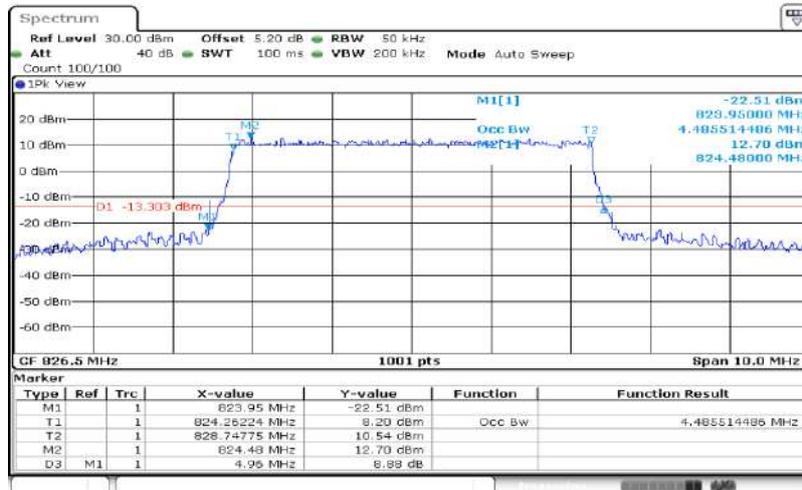


Date: 26 MAY 2020 04:08:02

Band5-5MHz-16QAM-20425-25RB#0-4.486

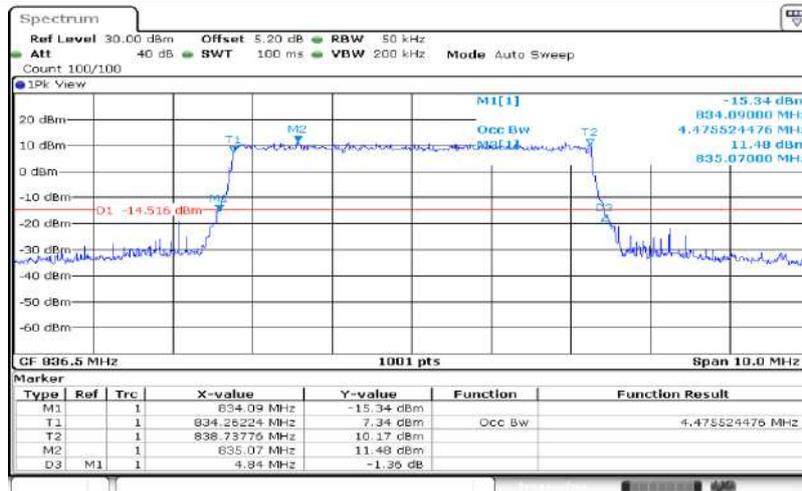


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Date: 27 MAY 2020 16:45:07

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



Date: 27 MAY 2020 16:45:47

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

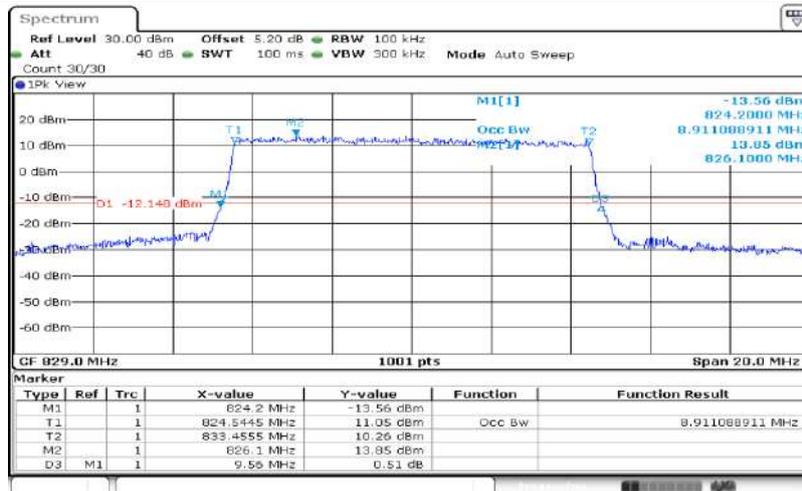


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Date: 27 MAY 2020 16:46:27

Band5-10MHz-QPSK-20450-50RB#0-8.911

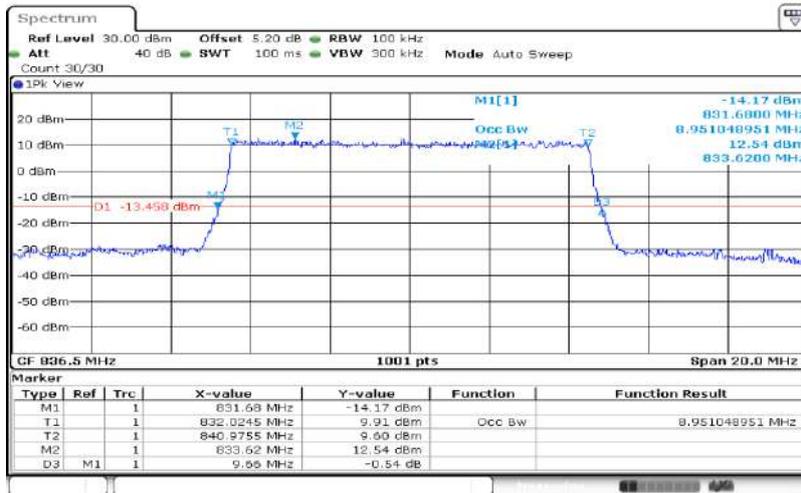


Date: 27 MAY 2020 16:46:45

Band5-10MHz-QPSK-20525-50RB#0-8.951

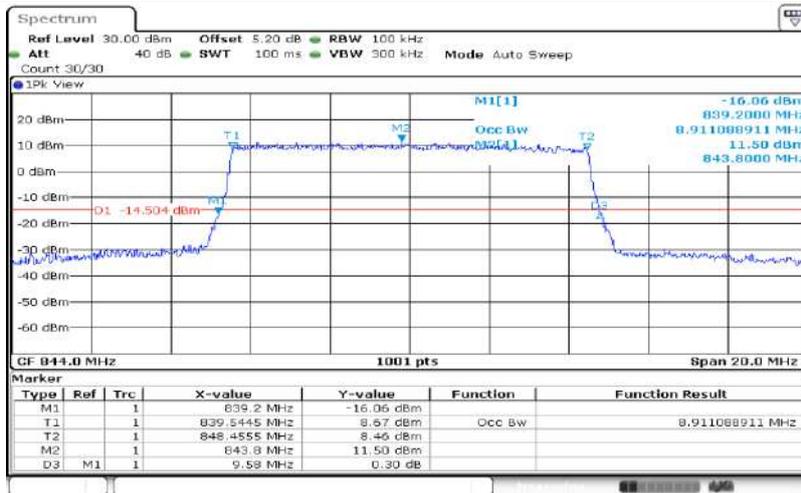


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Date: 27 MAY 2020 16:47:11

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

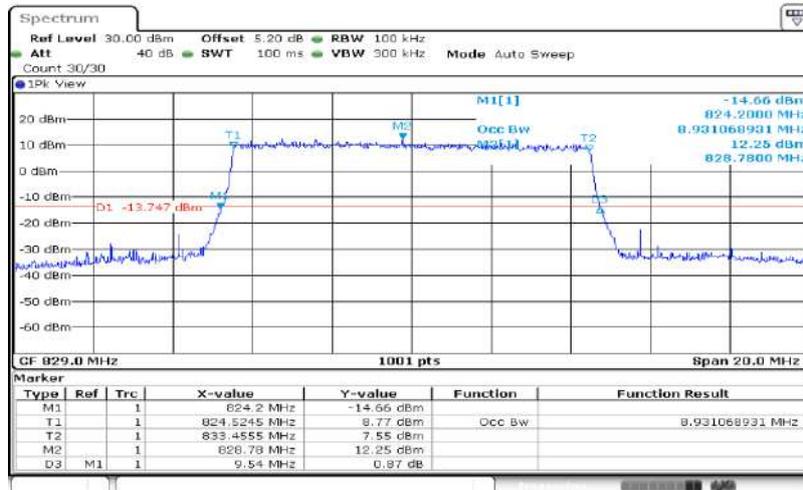


Date: 27 MAY 2020 16:47:38

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

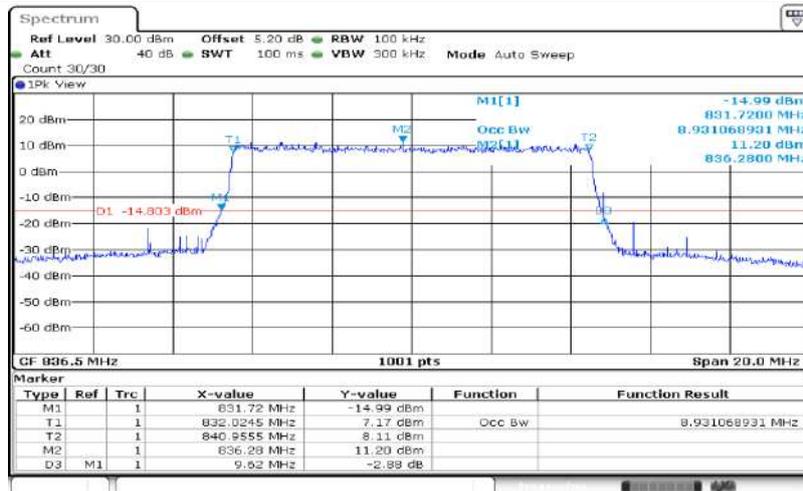


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Date: 29 MAY 2020 01:59:05

Band5-10MHz-64QAM-20525-50RB#0-8.931

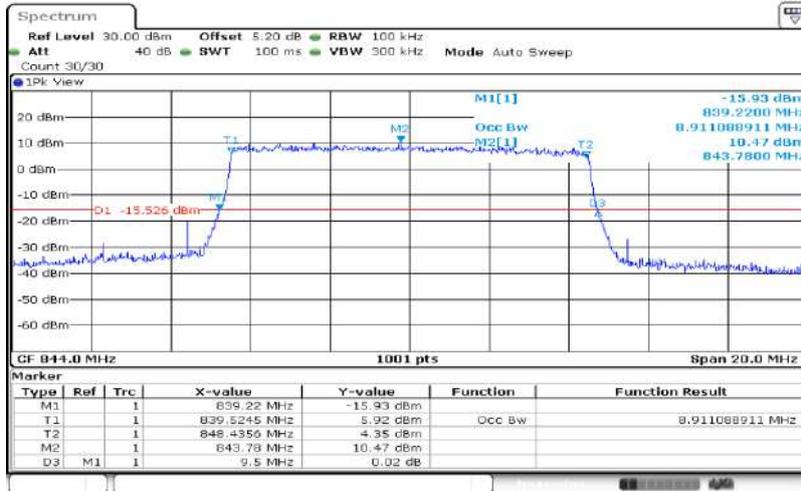


Date: 28 MAY 2020 04:08:20

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

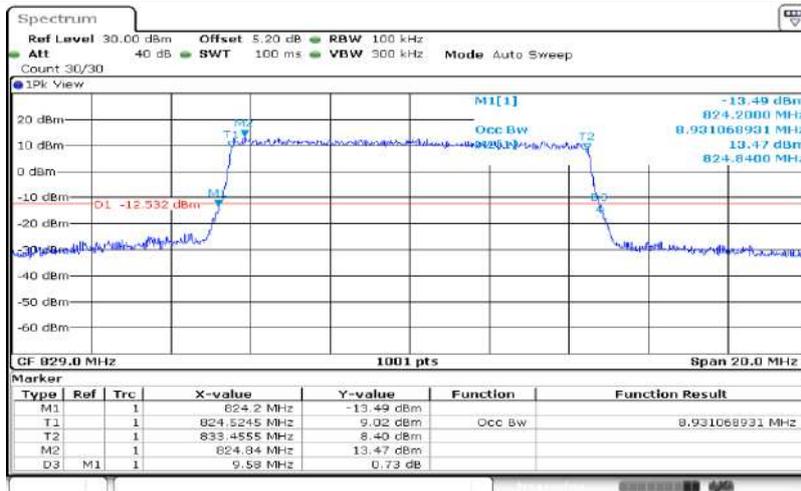


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Date: 26 MAY 2020 04:08:33

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

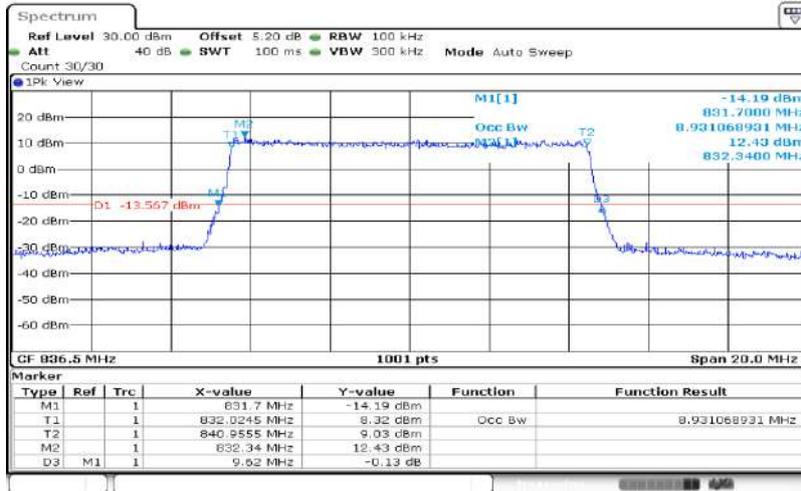


Date: 27 MAY 2020 16:46:58

Band5-10MHz-16QAM-20525-50RB#0-8.931

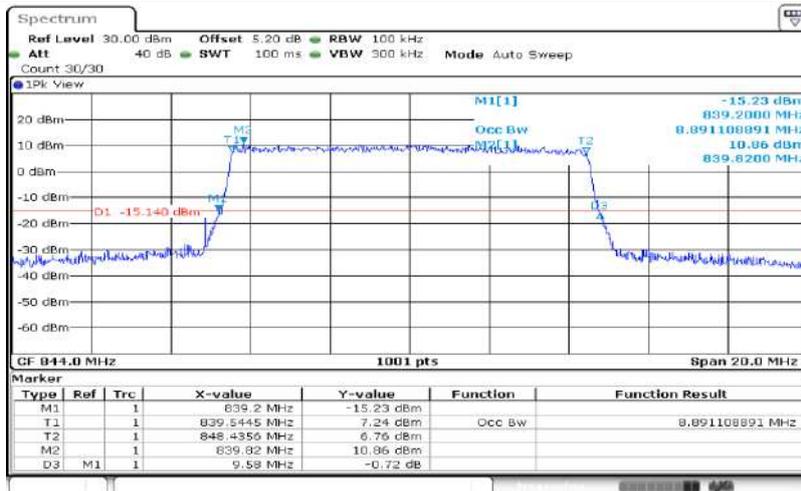


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Date: 27 MAY 2020 16:47:24

Band5-10MHz-16QAM-20600-50RB#0-8.891



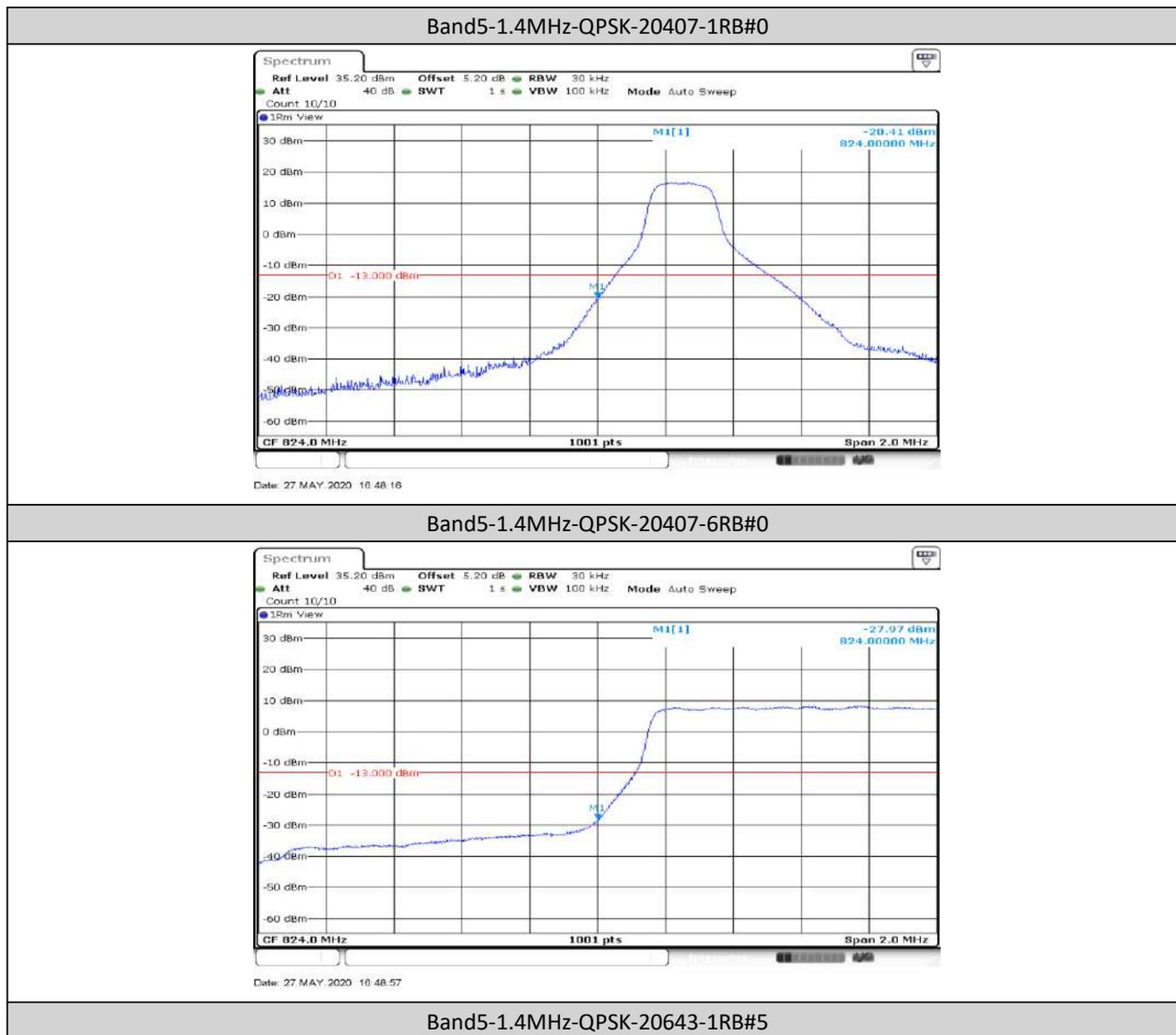
Date: 27 MAY 2020 16:47:51

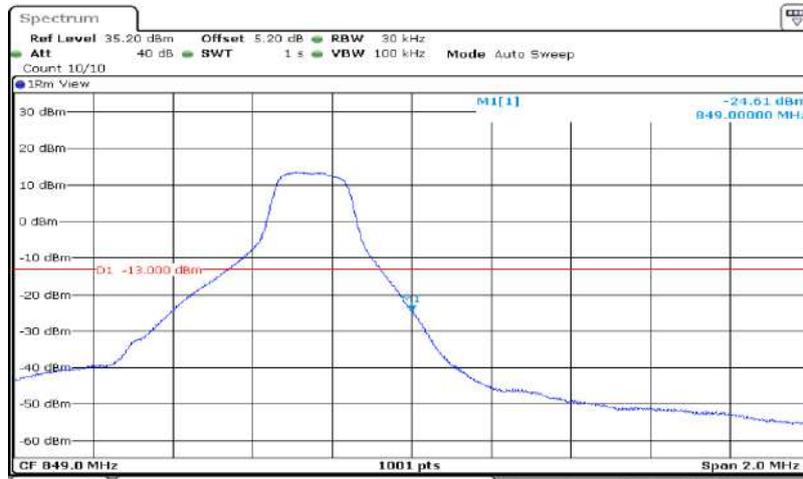


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5. Band Edge Compliance

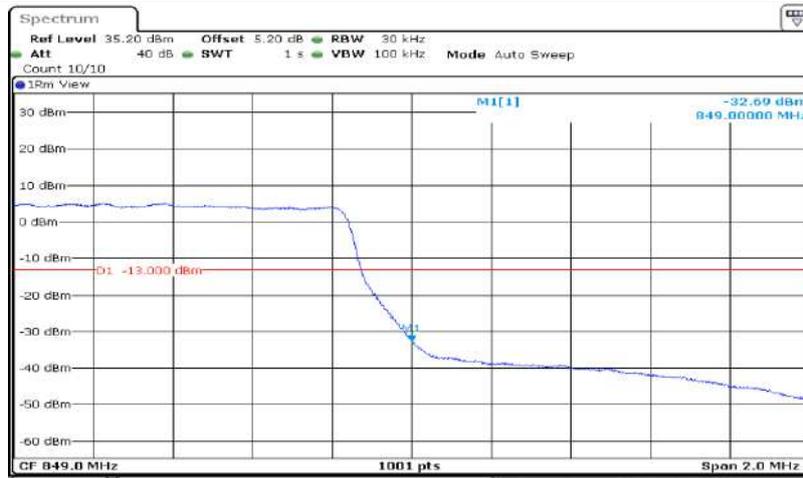
5.1. Test Plots





Date: 27 MAY 2020 16:49:43

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

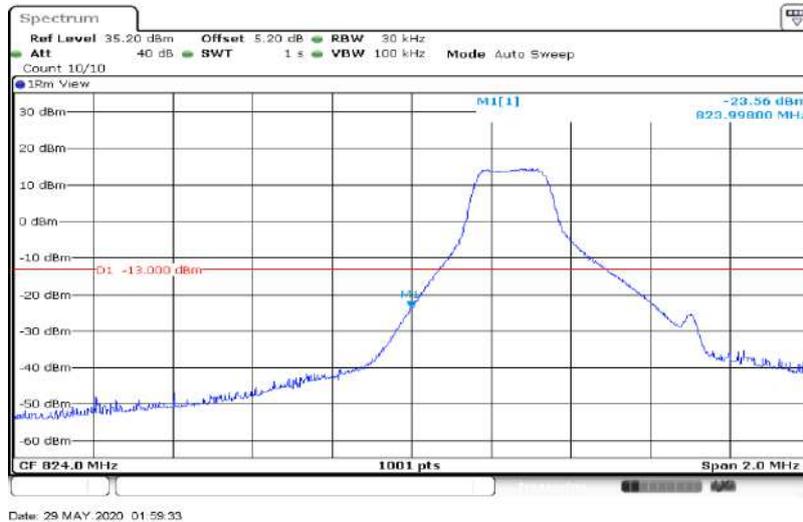


Date: 27 MAY 2020 16:50:24

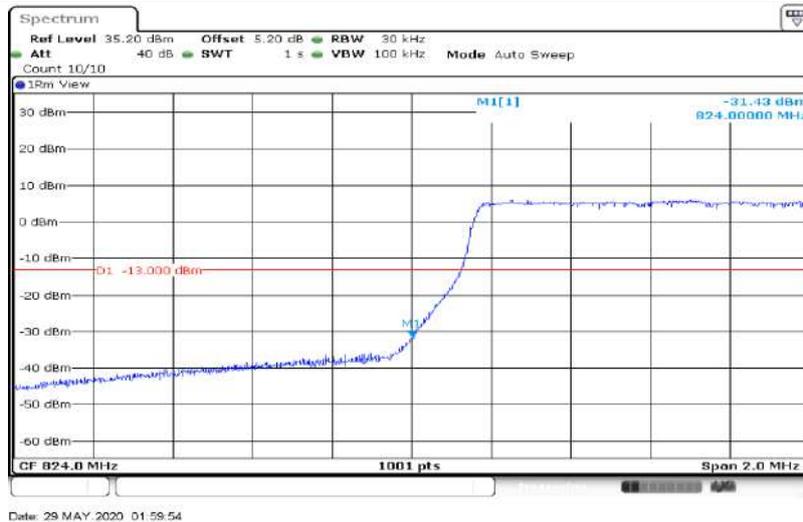
Band5-1.4MHz-64QAM-20407-1RB#0



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

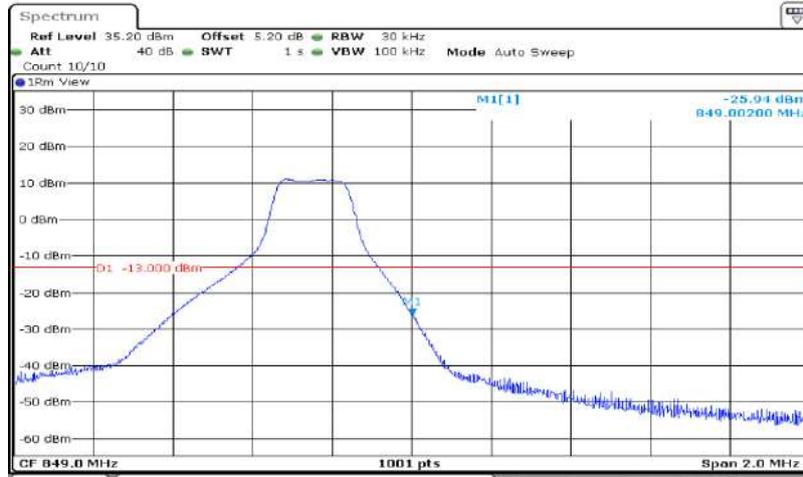


Band5-1.4MHz-64QAM-20643-1RB#5



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Date: 28 MAY 2020 04:11:54

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

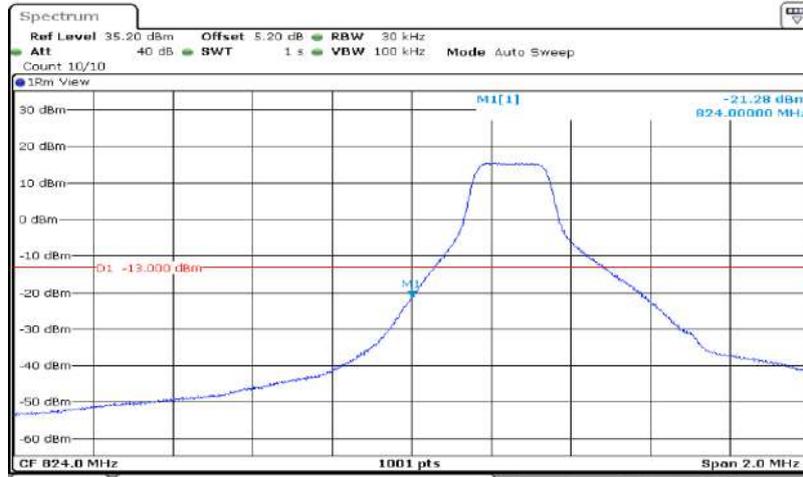


Date: 28 MAY 2020 04:12:14

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

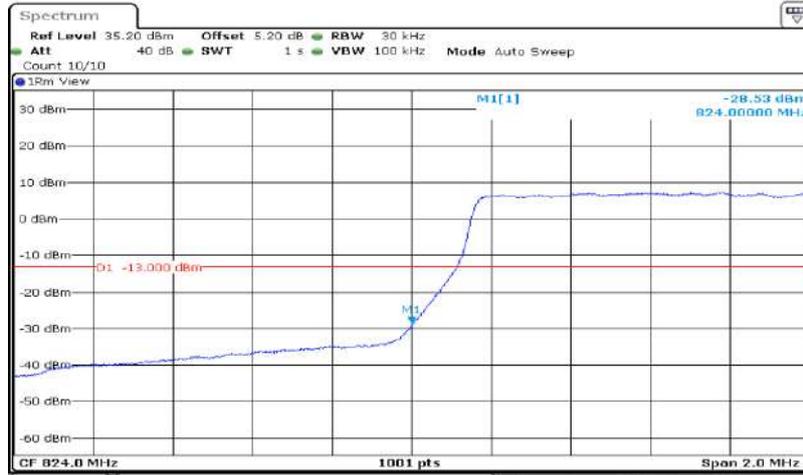


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Date: 27 MAY 2020 16:48:37

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



Date: 27 MAY 2020 16:49:18

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



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Date: 27 MAY 2020 16:50:04

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

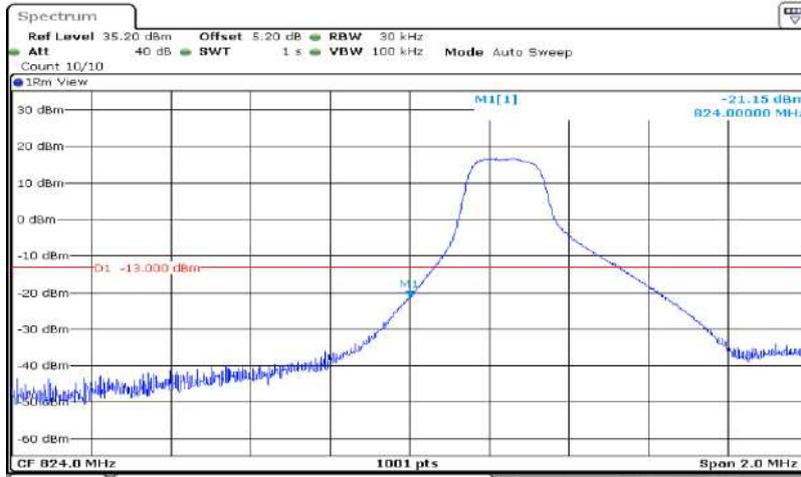


Date: 27 MAY 2020 16:50:46

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



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Date: 27 MAY 2020 16:51:11

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

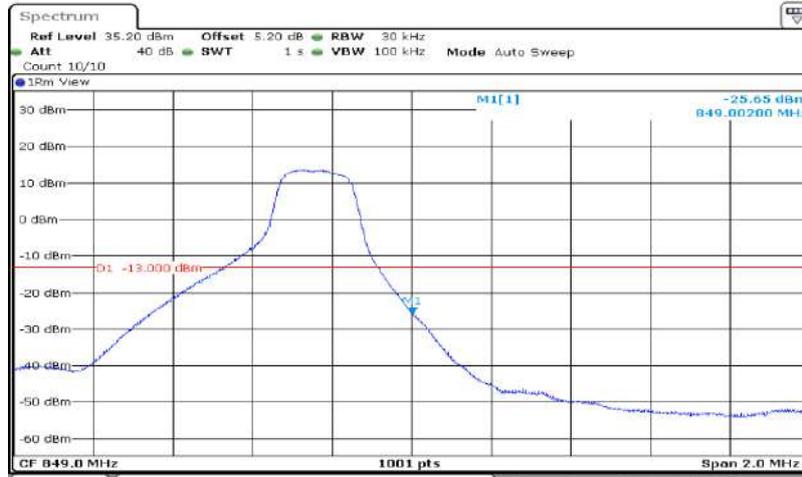


Date: 27 MAY 2020 16:51:52

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

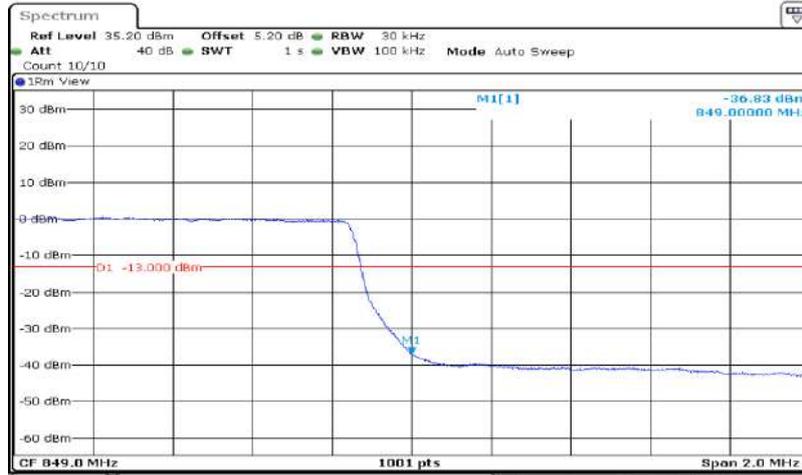


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Date: 27 MAY 2020 16:52:36

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

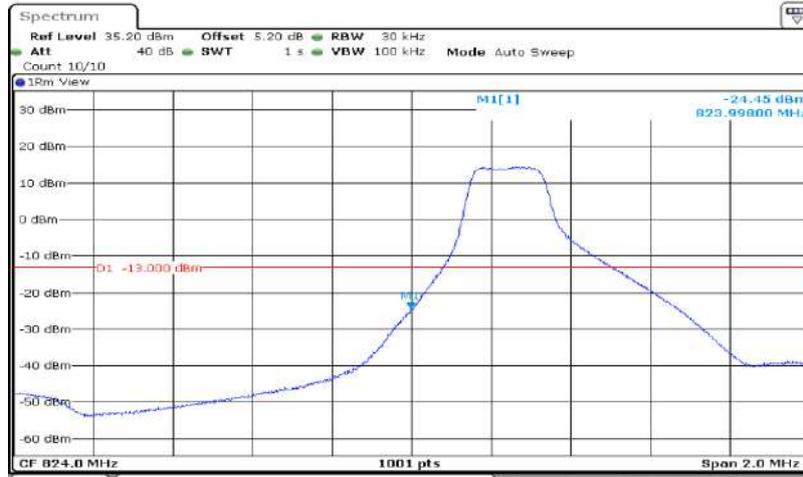


Date: 27 MAY 2020 16:53:19

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

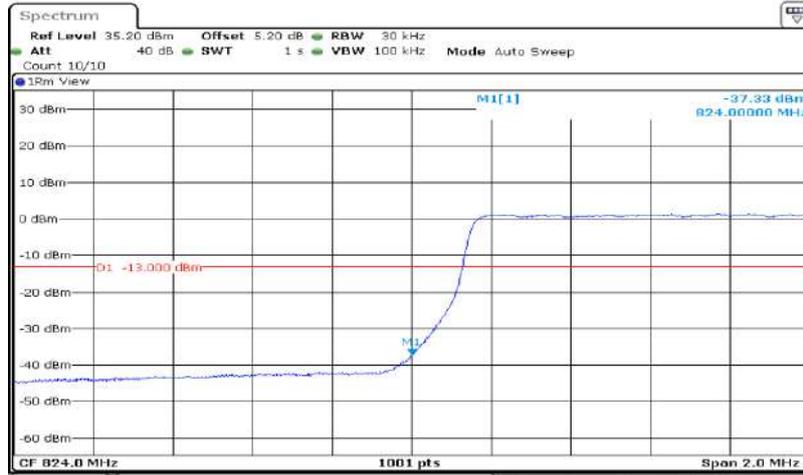


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Date: 29 MAY 2020 02:00:21

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

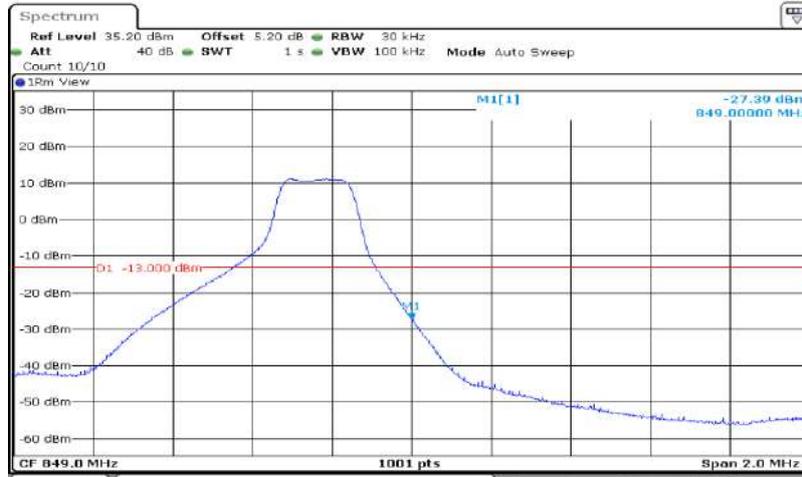


Date: 29 MAY 2020 02:00:42

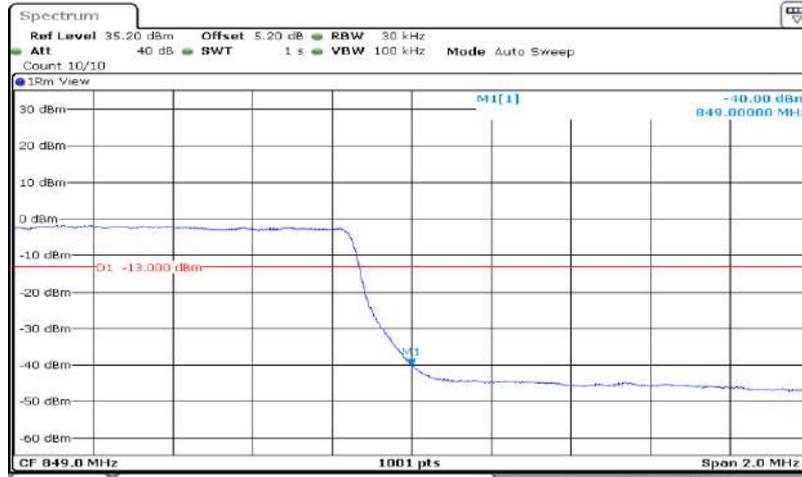
Band5-3MHz-64QAM-20635-1RB#14



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



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

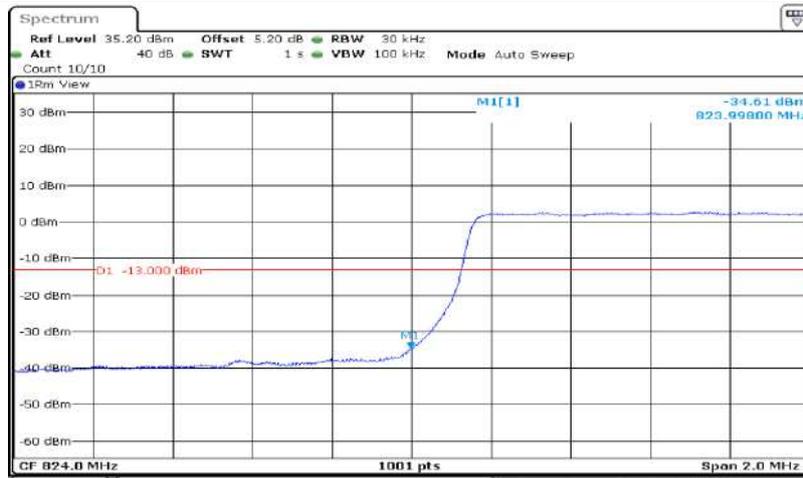


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Date: 27 MAY 2020 16:51:32

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

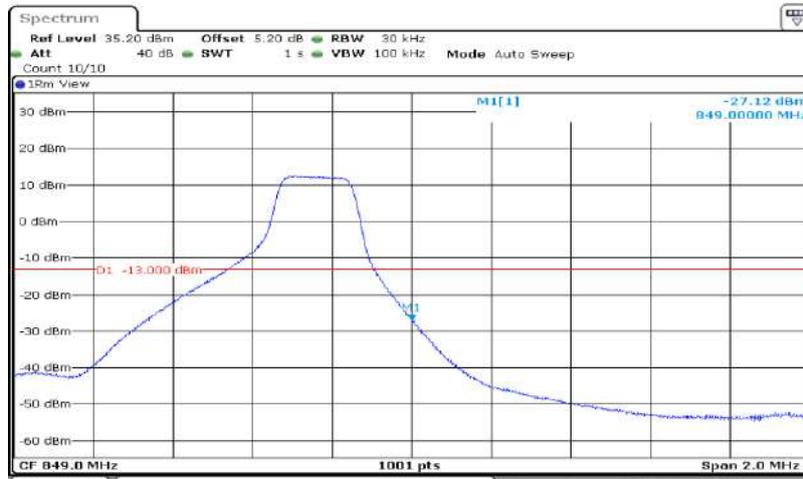


Date: 27 MAY 2020 16:52:13

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



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Date: 27 MAY 2020 16:52:58

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

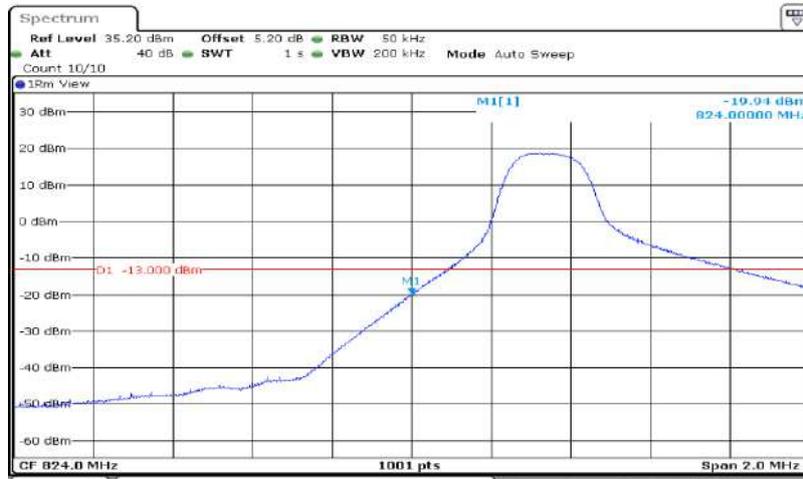


Date: 27 MAY 2020 16:53:41

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



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Date: 27 MAY 2020 16:54:06

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

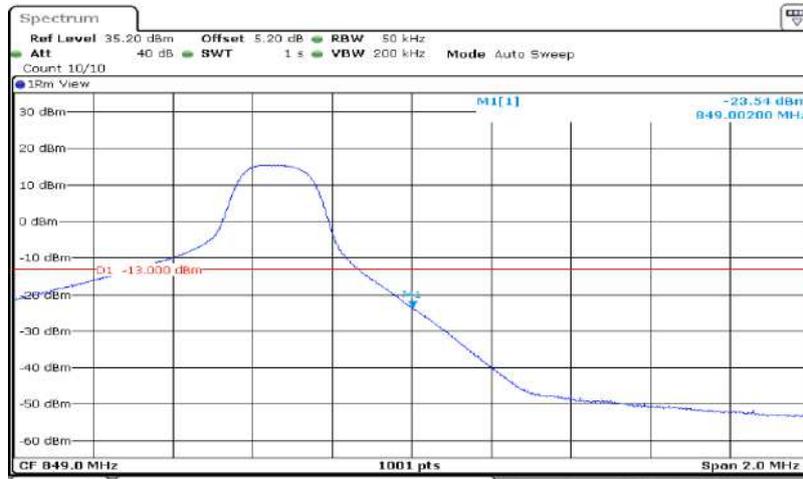


Date: 27 MAY 2020 16:54:48

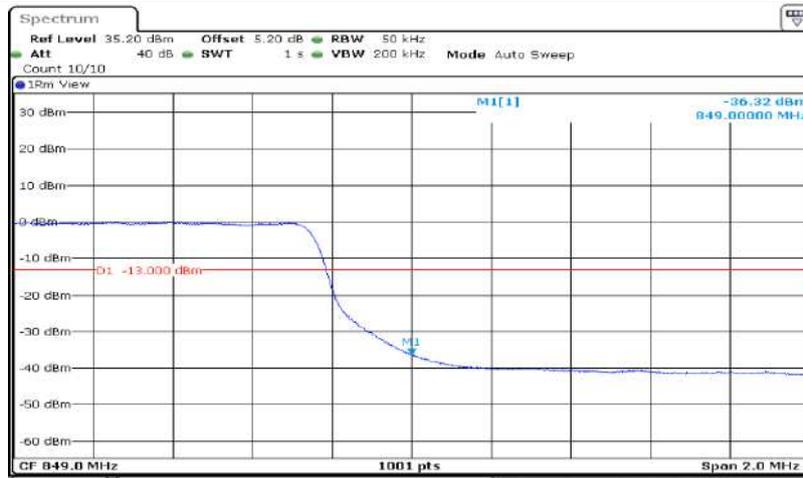
Band5-5MHz-QPSK-20625-1RB#24



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



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



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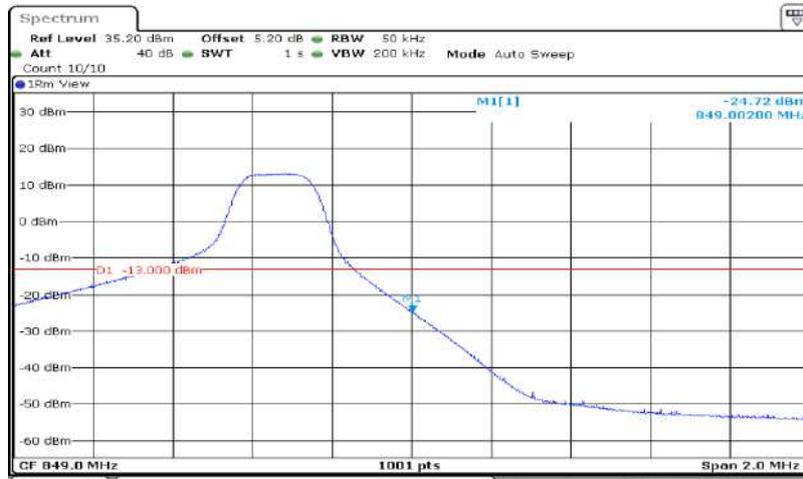
Band5-5MHz-64QAM-20425-25RB#0



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



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Date: 26 MAY 2020 04:13:26

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



Date: 26 MAY 2020 04:13:47

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



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



Date: 27 MAY 2020 16:55:08

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



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Date: 27 MAY 2020 16:55:54

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



Date: 27 MAY 2020 16:56:36

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



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Date: 27 MAY 2020 16:57:02

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



Date: 27 MAY 2020 16:57:43

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

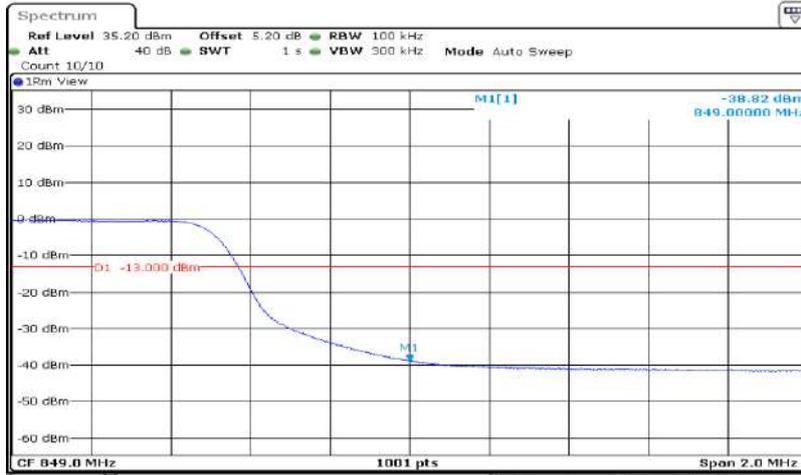


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Date: 27 MAY 2020 16:58:28

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



Date: 27 MAY 2020 16:59:10

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



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Date: 29 MAY 2020 02:03:11

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



Date: 29 MAY 2020 02:03:31

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



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Date: 26 MAY 2020 04:14:13

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



Date: 26 MAY 2020 04:14:33

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



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Date: 27 MAY 2020 16:57:22

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



Date: 27 MAY 2020 16:58:03

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



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Date: 27 MAY 2020 16:58:49

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



Date: 27 MAY 2020 16:59:30



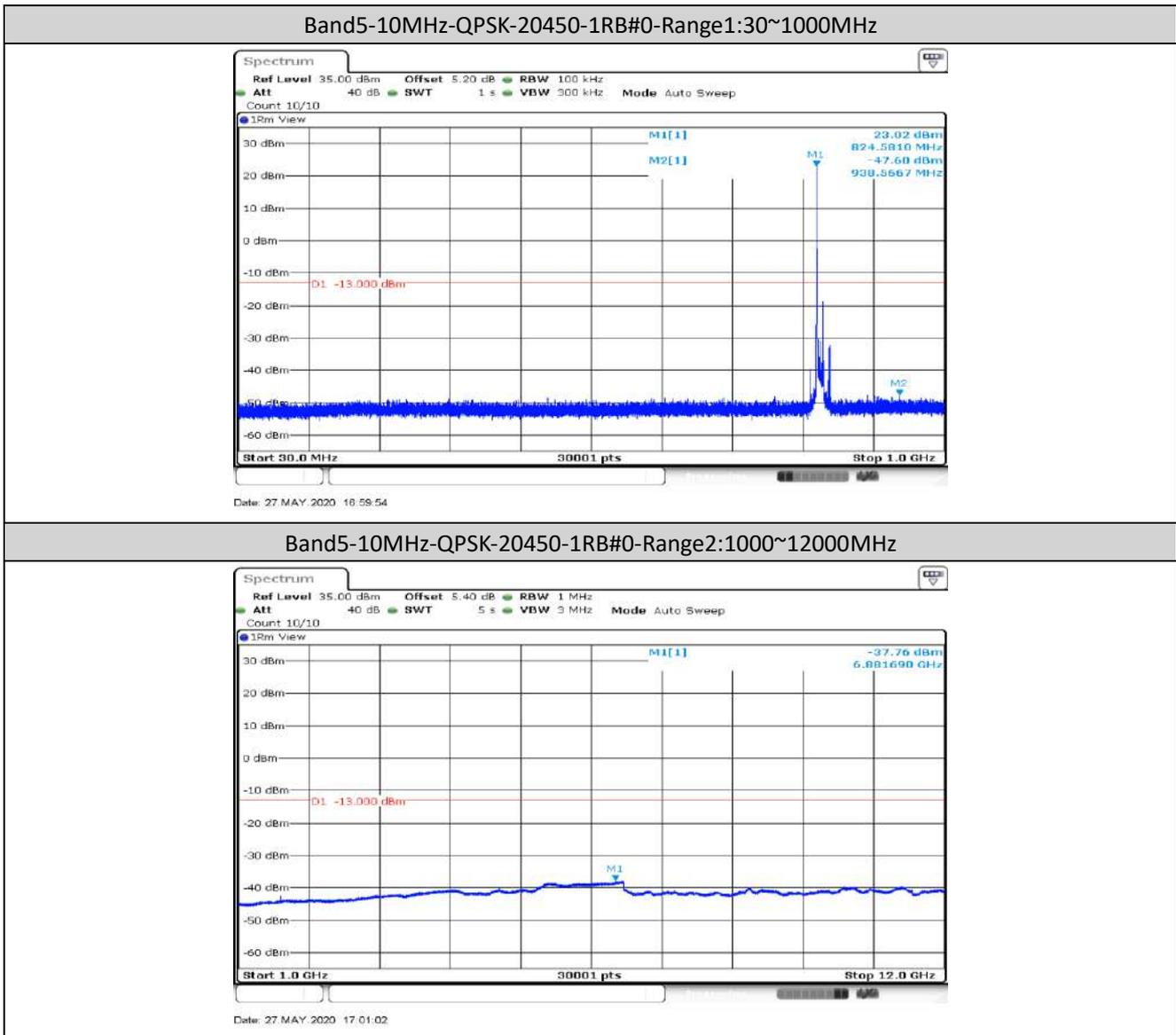
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6. Spurious Emission at Antenna Terminal

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

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

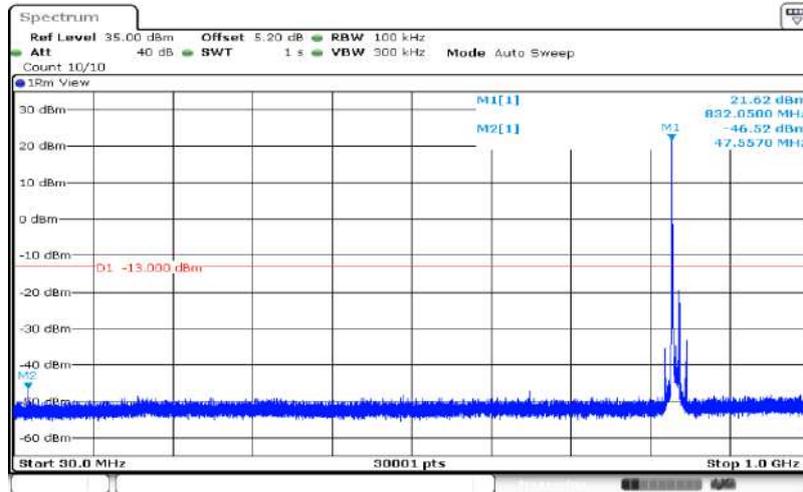
6.1. Test Plots



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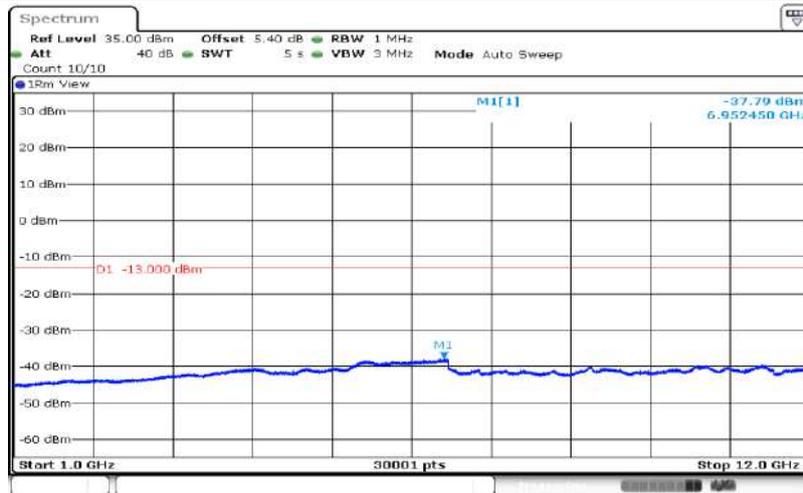
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Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



Date: 27 MAY 2020 17:02:49

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

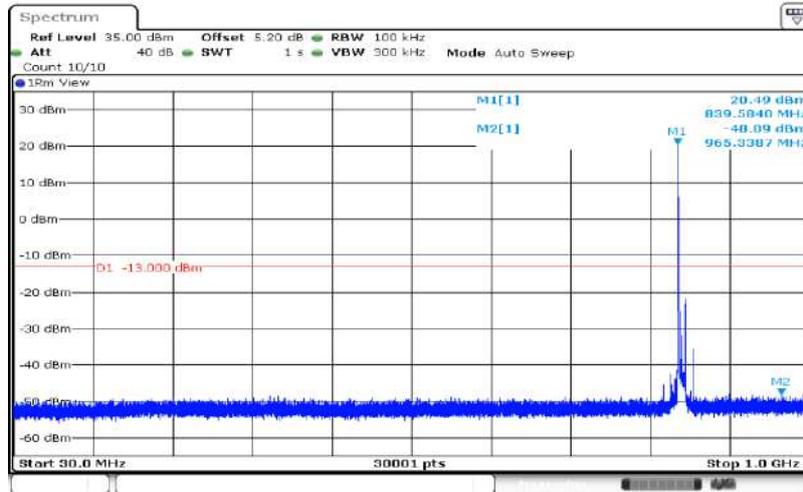


Date: 27 MAY 2020 17:03:56



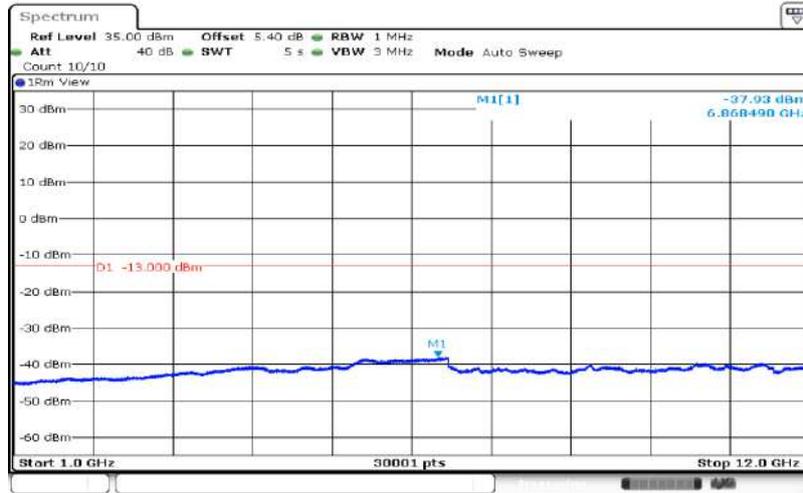
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Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz



Date: 27 MAY 2020 17:05:43

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



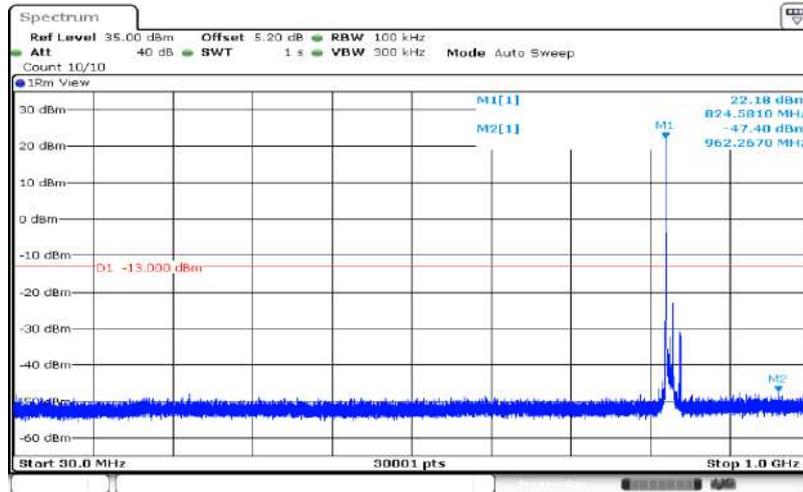
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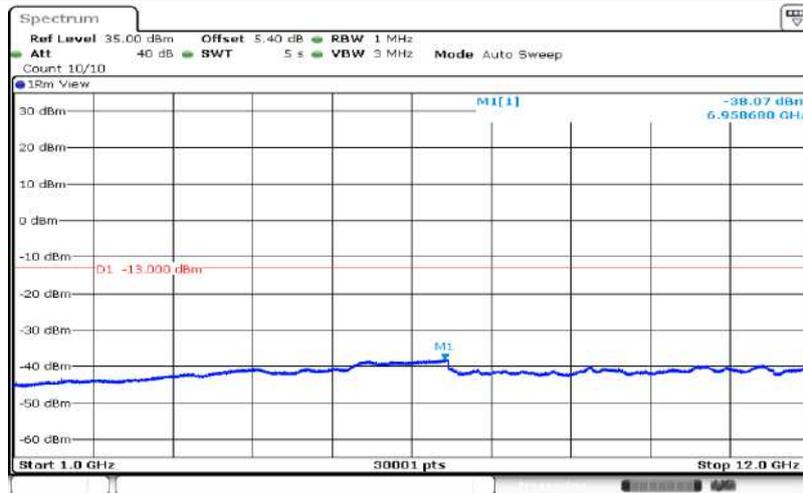


Band5-10MHz-64QAM-20450-1RB#0-Range1:30~1000MHz



Date: 29 MAY 2020 02:03:57

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

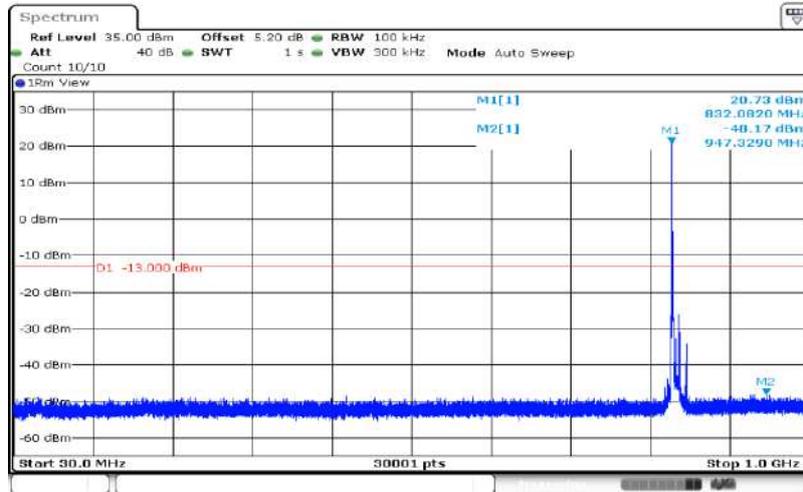


Date: 29 MAY 2020 02:05:04



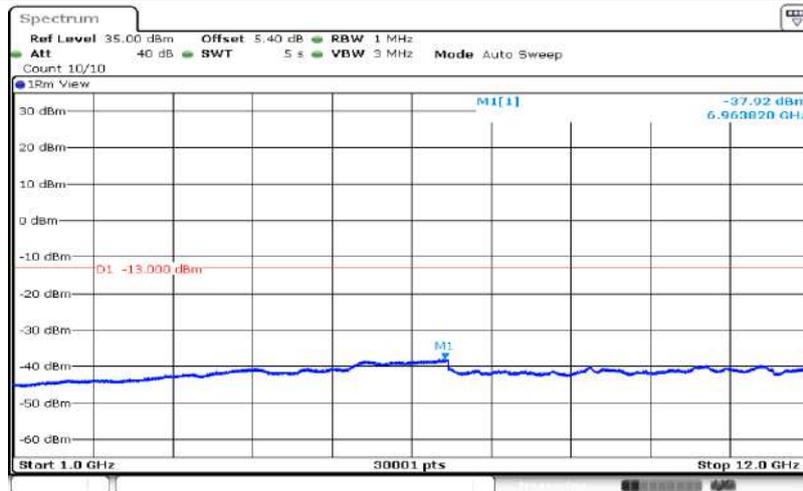
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Band5-10MHz-64QAM-20525-1RB#0-Range1:30~1000MHz



Date: 26 MAY 2020 04:14:57

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

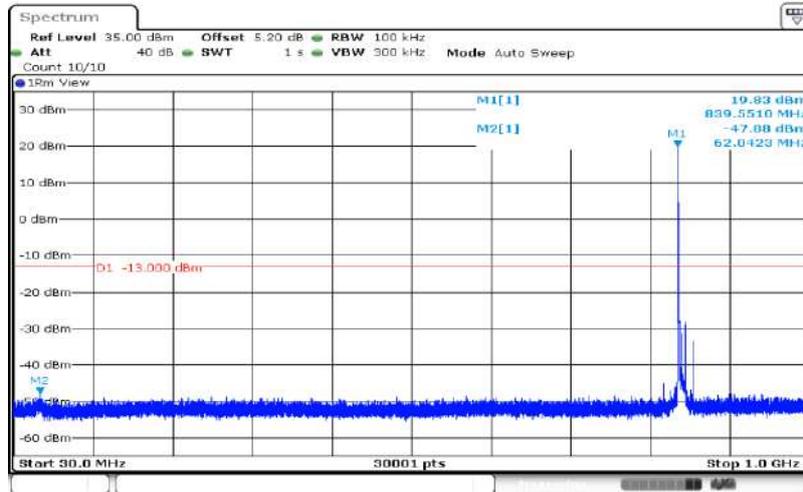


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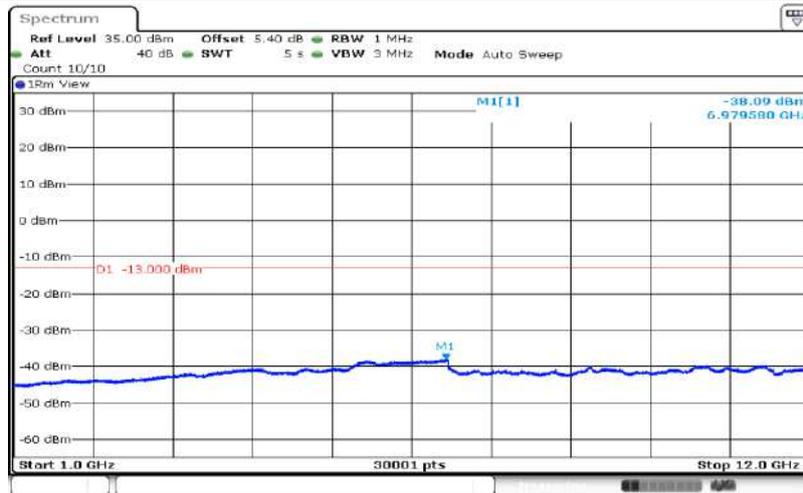


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Band5-10MHz-64QAM-20600-1RB#0-Range1:30~1000MHz

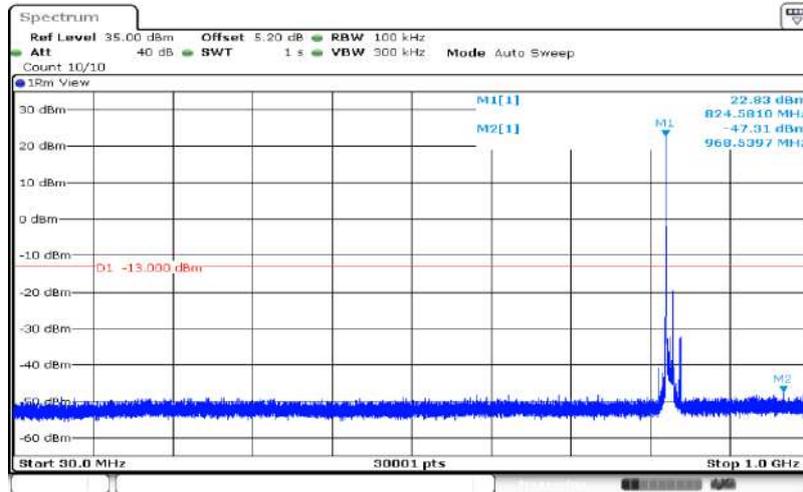


Band5-10MHz-64QAM-20600-1RB#0-Range2:1000~12000MHz



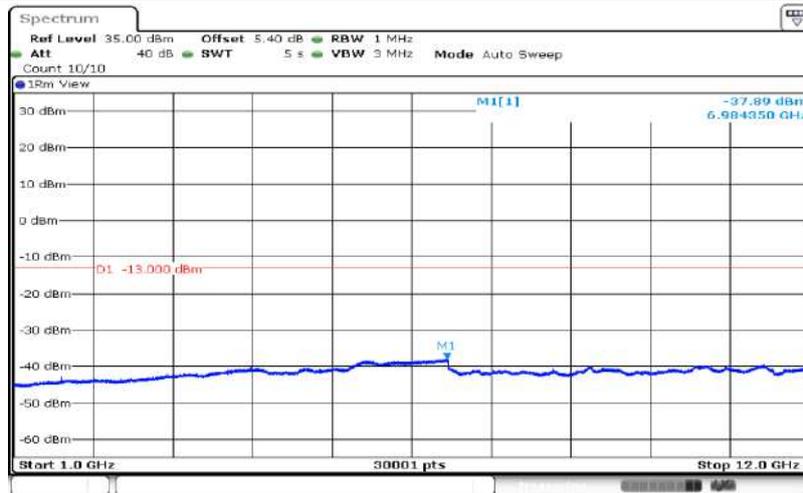
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Band5-10MHz-16QAM-20450-1RB#0-Range1:30~1000MHz



Date: 27 MAY 2020 17:01:21

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

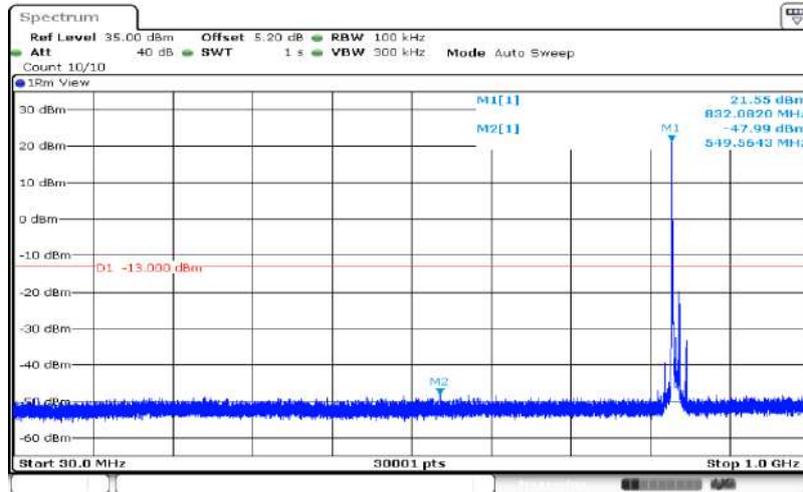


Date: 27 MAY 2020 17:02:29



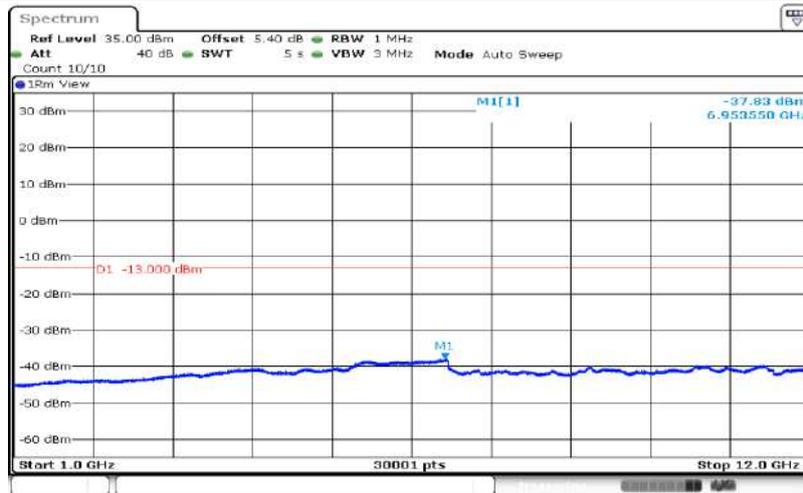
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Band5-10MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



Date: 27 MAY 2020 17:04:16

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

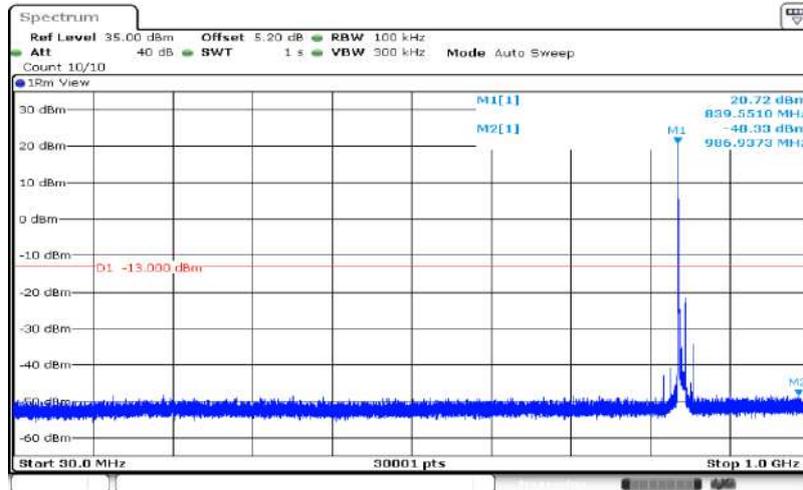


Date: 27 MAY 2020 17:05:24



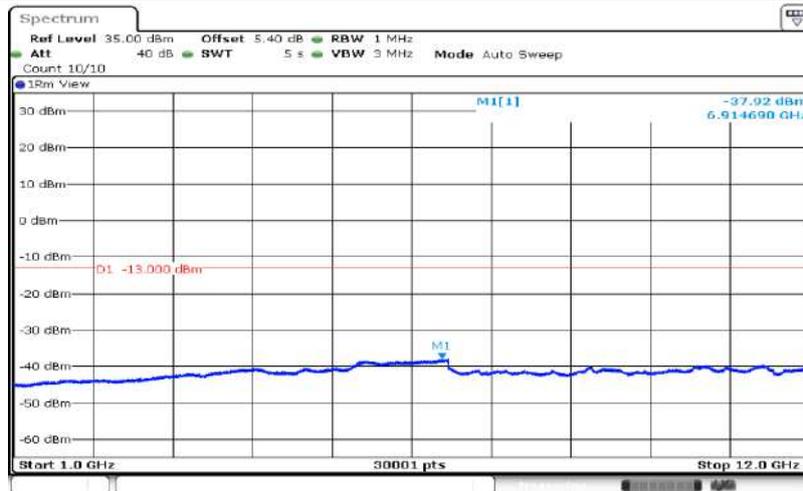
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Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz



Date: 27 MAY 2020 17:07:11

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



Date: 27 MAY 2020 17:08:18



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 10MHz

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
106.9733	-62.12	-13.00	49.12	148	136	Vertical
590.5425	-61.41	-13.00	48.41	195	9	Vertical
2430.2861	-47.60	-13.00	34.60	127	39	Vertical
4122.8374	-61.76	-13.00	48.76	185	104	Vertical
7465.5489	-55.48	-13.00	42.48	169	199	Vertical
8964.5988	-54.66	-13.00	41.66	198	9	Vertical
43.0957	-62.56	-13.00	49.56	271	260	Horizontal
497.0784	-63.33	-13.00	50.33	245	292	Horizontal
1648.9298	-61.40	-13.00	48.40	265	135	Horizontal
3298.2099	-58.37	-13.00	45.37	289	158	Horizontal
7473.9491	-56.08	-13.00	43.08	274	1	Horizontal
8839.9947	-54.89	-13.00	41.89	265	260	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
110.1745	-61.36	-13.00	48.36	148	325	Vertical
589.3300	-61.35	-13.00	48.35	196	11	Vertical
1664.1328	-62.87	-13.00	49.87	174	234	Vertical
2699.1398	-57.17	-13.00	44.17	165	360	Vertical
4160.6387	-61.15	-13.00	48.15	185	105	Vertical
8775.1925	-54.35	-13.00	41.35	198	294	Vertical
43.0957	-62.28	-13.00	49.28	241	60	Horizontal
608.7309	-61.10	-13.00	48.10	285	60	Horizontal
1664.1328	-57.31	-13.00	44.31	174	127	Horizontal
2496.2993	-56.47	-13.00	43.47	198	4	Horizontal
7367.5456	-56.07	-13.00	43.07	165	157	Horizontal
8988.9996	-54.52	-13.00	41.52	178	189	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
106.5368	-62.83	-13.00	49.83	184	199	Vertical
608.0519	-60.84	-13.00	47.84	195	168	Vertical
1749.7500	-63.72	-13.00	50.72	187	270	Vertical
2697.5395	-57.33	-13.00	44.33	198	232	Vertical
7379.1460	-54.85	-13.00	41.85	198	231	Vertical
8802.7934	-54.12	-13.00	41.12	178	325	Vertical
43.5322	-62.39	-13.00	49.39	271	8	Horizontal
522.8816	-62.45	-13.00	49.45	247	72	Horizontal
1678.9358	-58.63	-13.00	45.63	148	149	Horizontal
2698.7397	-56.00	-13.00	43.00	196	131	Horizontal
7341.7447	-56.27	-13.00	43.27	185	166	Horizontal
8836.1945	-54.70	-13.00	41.70	165	260	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	-3.90	-0.004704	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-5.00	-0.006031	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-5.90	-0.007117	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-6.20	-0.007412	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-7.50	-0.008966	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-8.10	-0.009683	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-8.50	-0.010071	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-5.20	-0.006161	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-8.90	-0.010545	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VL	NT	-3.10	-0.003739	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VN	NT	-3.10	-0.003739	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VH	NT	-2.20	-0.002654	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VL	NT	-10.60	-0.012672	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VN	NT	-4.10	-0.004901	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VH	NT	-9.50	-0.011357	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VL	NT	1.20	0.001422	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VN	NT	-4.90	-0.005806	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VH	NT	-3.60	-0.004265	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	-8.50	-0.010253	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-10.50	-0.012666	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-9.60	-0.011580	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-7.00	-0.008368	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	0.40	0.000478	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-8.80	-0.010520	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-4.90	-0.005806	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-5.80	-0.006872	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-2.60	-0.003081	±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	-5.40	-0.006514	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-6.90	-0.008323	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-4.90	-0.005911	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-4.50	-0.005428	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-3.30	-0.003981	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-3.60	-0.004343	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-3.70	-0.004463	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-3.00	-0.003619	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-3.80	-0.004543	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-5.10	-0.006097	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-1.70	-0.002032	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-1.70	-0.002032	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-6.80	-0.008129	±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	-2.20	-0.002630	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-2.50	-0.002989	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-9.00	-0.010664	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-8.40	-0.009953	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-8.00	-0.009479	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-5.60	-0.006635	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-8.90	-0.010545	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	-4.90	-0.005806	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-9.40	-0.011137	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-5.90	-0.006991	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-30	-11.00	-0.013269	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-20	-8.20	-0.009891	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	0	-9.60	-0.011580	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	10	-5.60	-0.006755	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	20	-4.80	-0.005790	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	30	-10.70	-0.012907	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	40	-11.50	-0.013872	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	50	-12.00	-0.014475	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-30	-8.20	-0.009803	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-20	-7.90	-0.009444	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	0	-5.80	-0.006934	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	10	-5.80	-0.006934	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	20	-5.80	-0.006934	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	30	-6.20	-0.007412	±2.5	PASS



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Band5	10MHz	64QAM	20525	50RB#0	NV	40	-7.20	-0.008607	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	50	-7.40	-0.008846	±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	0.90	0.001066	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	0	0.60	0.000711	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	10	-0.30	-0.000355	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	20	0.10	0.000118	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	30	-3.10	-0.003673	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	40	-3.20	-0.003791	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	50	-2.80	-0.003318	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-5.30	-0.006393	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	-6.40	-0.007720	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-0.20	-0.000241	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-6.70	-0.008082	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	-5.70	-0.006876	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	-9.70	-0.011701	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	-9.10	-0.010977	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	-9.10	-0.010977	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-2.60	-0.003108	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	-2.90	-0.003467	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	-6.00	-0.007173	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-3.10	-0.003706	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-1.30	-0.001554	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-4.30	-0.005140	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	-5.10	-0.006097	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	-0.80	-0.000956	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	-4.20	-0.004976	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-3.90	-0.004621	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-1.00	-0.001185	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	-10.70	-0.012678	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-8.30	-0.009834	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	-8.40	-0.009953	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	-7.60	-0.009005	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	-8.40	-0.009953	±2.5	PASS



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