



Appendix B

E-UTRA Band 5



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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



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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



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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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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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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



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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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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



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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



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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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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,

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

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



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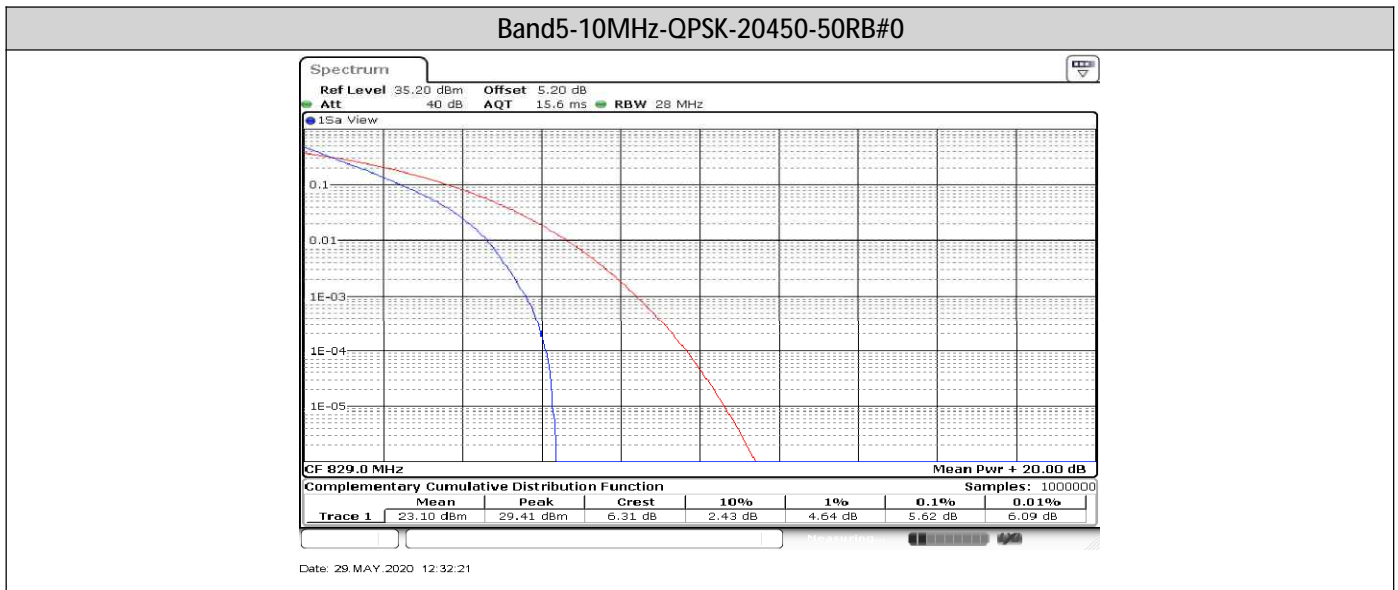


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	5.62	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

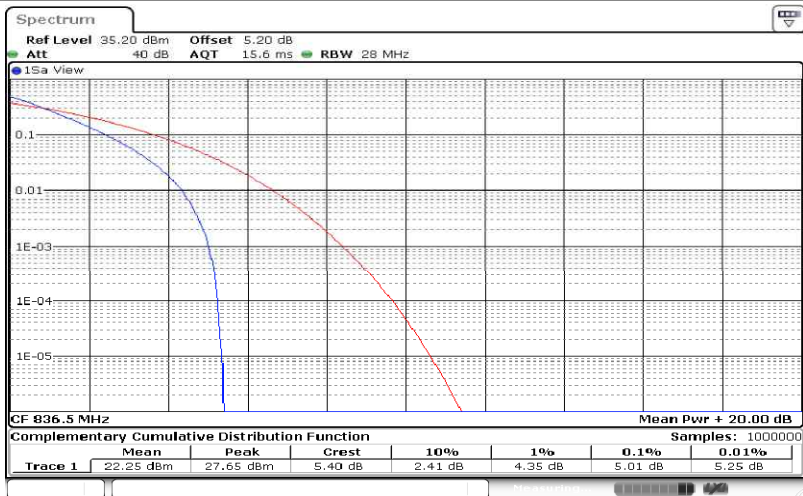


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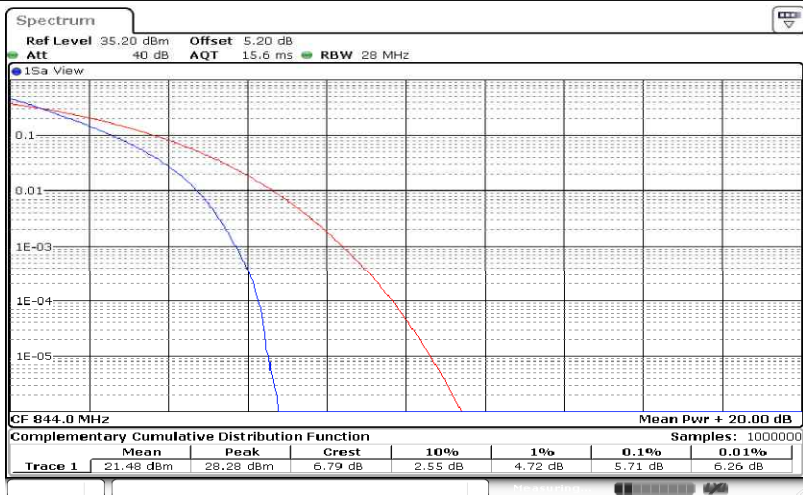


Band5-10MHz-QPSK-20525-50RB#0



Date: 29.MAY.2020 12:32:43

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



Date: 29.MAY.2020 12:33:06



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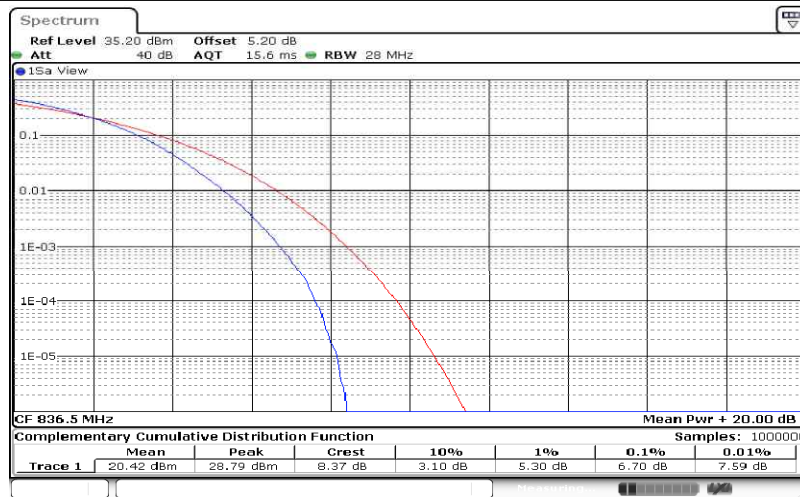


Band5-10MHz-64QAM-20450-50RB#0



Date: 1 JUN 2020 07:52:31

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



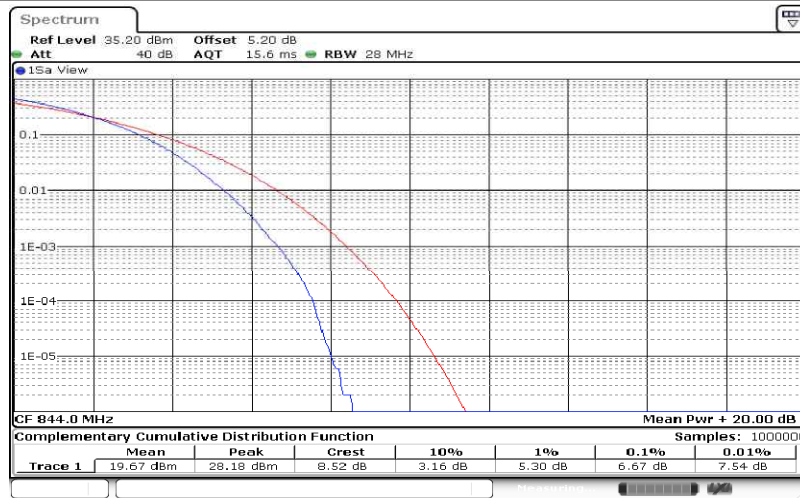
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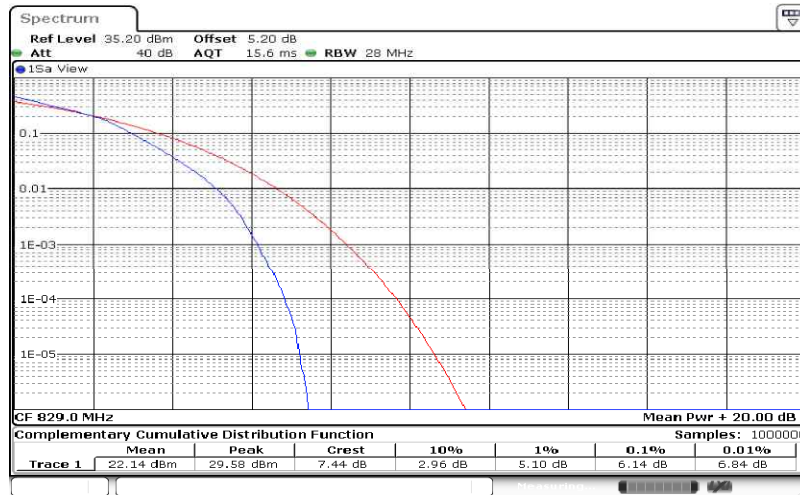


Band5-10MHz-64QAM-20600-50RB#0



Date: 1 JUN 2020 07:52:53

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



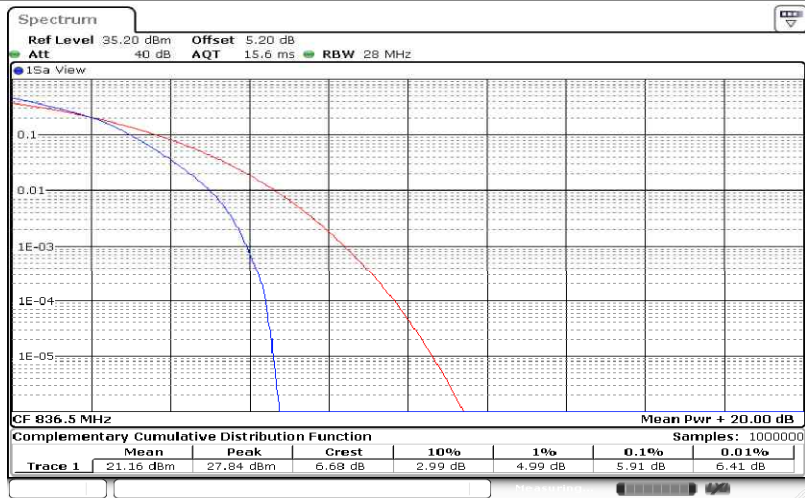
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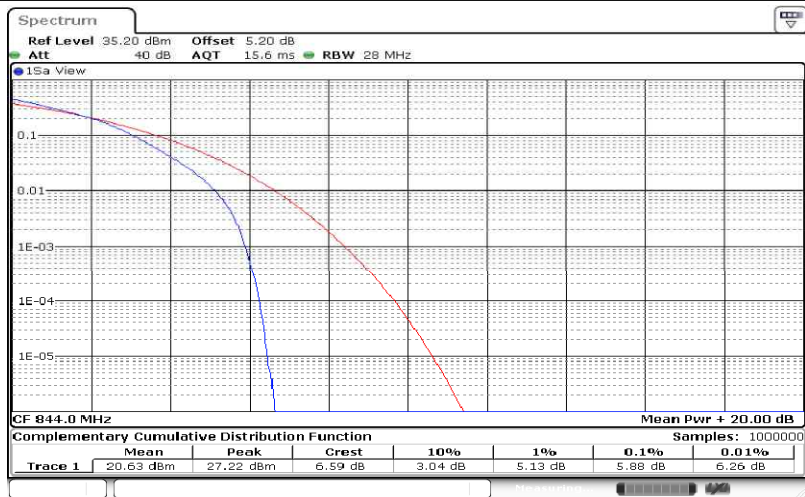


Band5-10MHz-16QAM-20525-50RB#0



Date: 29.MAY.2020 12:32:54

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



Date: 29.MAY.2020 12:33:17



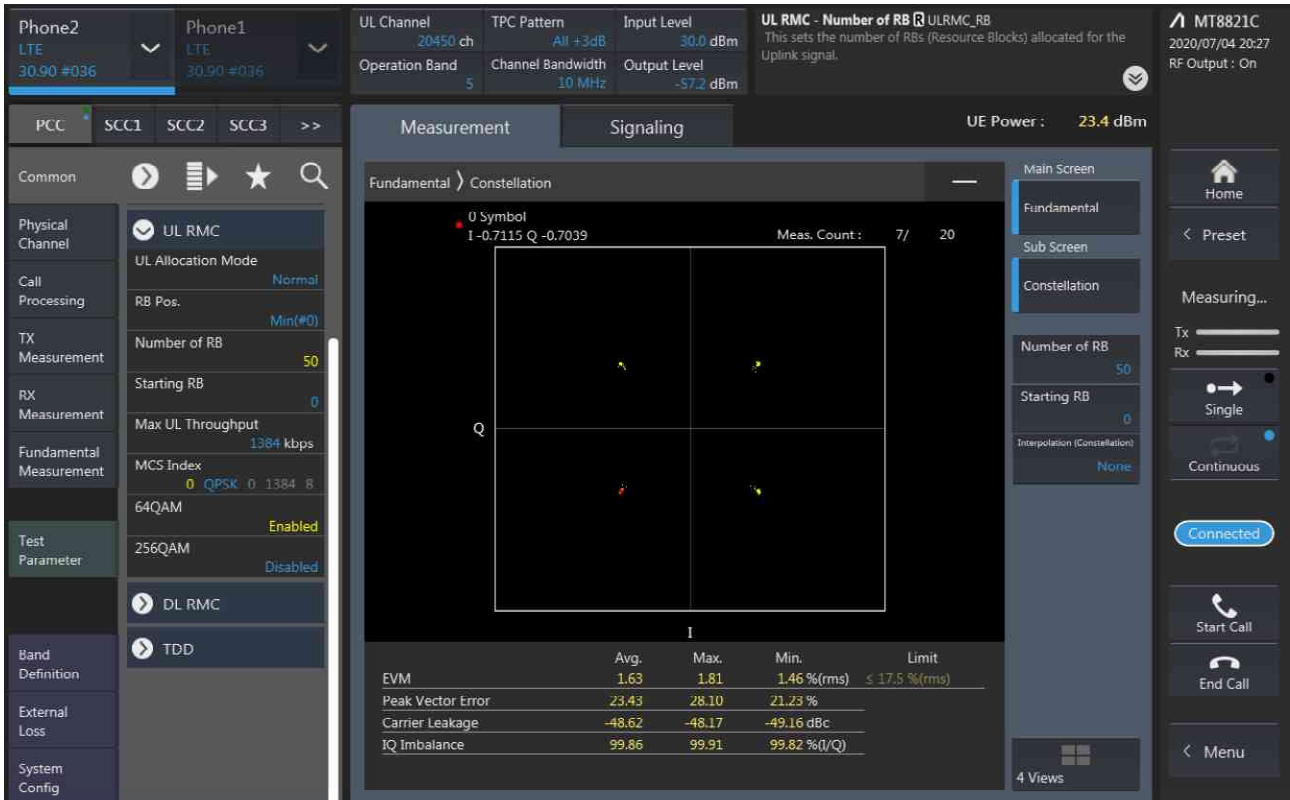
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 10MHz

3.1.1. Test Channel = MCH



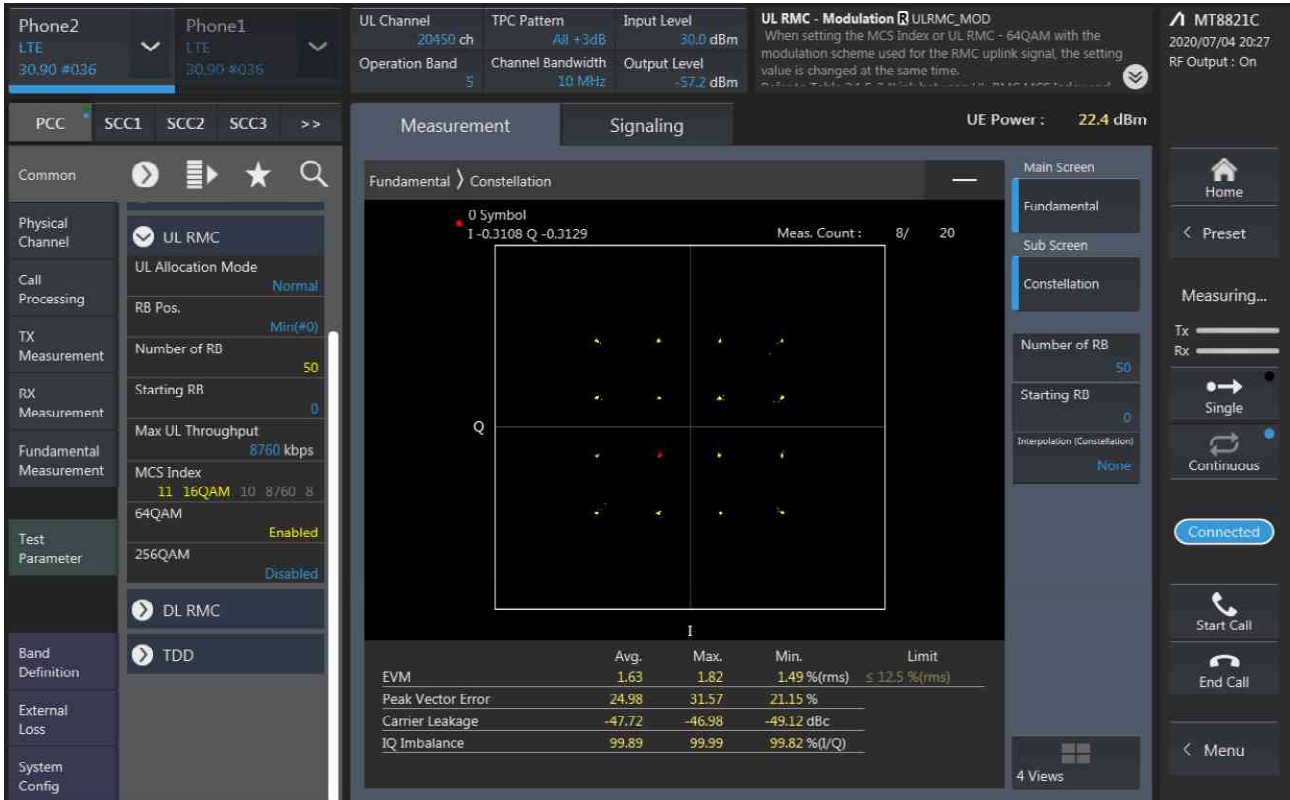
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3.2. Test Mode = LTE /TM2 10MHz

3.2.1. Test Channel = MCH



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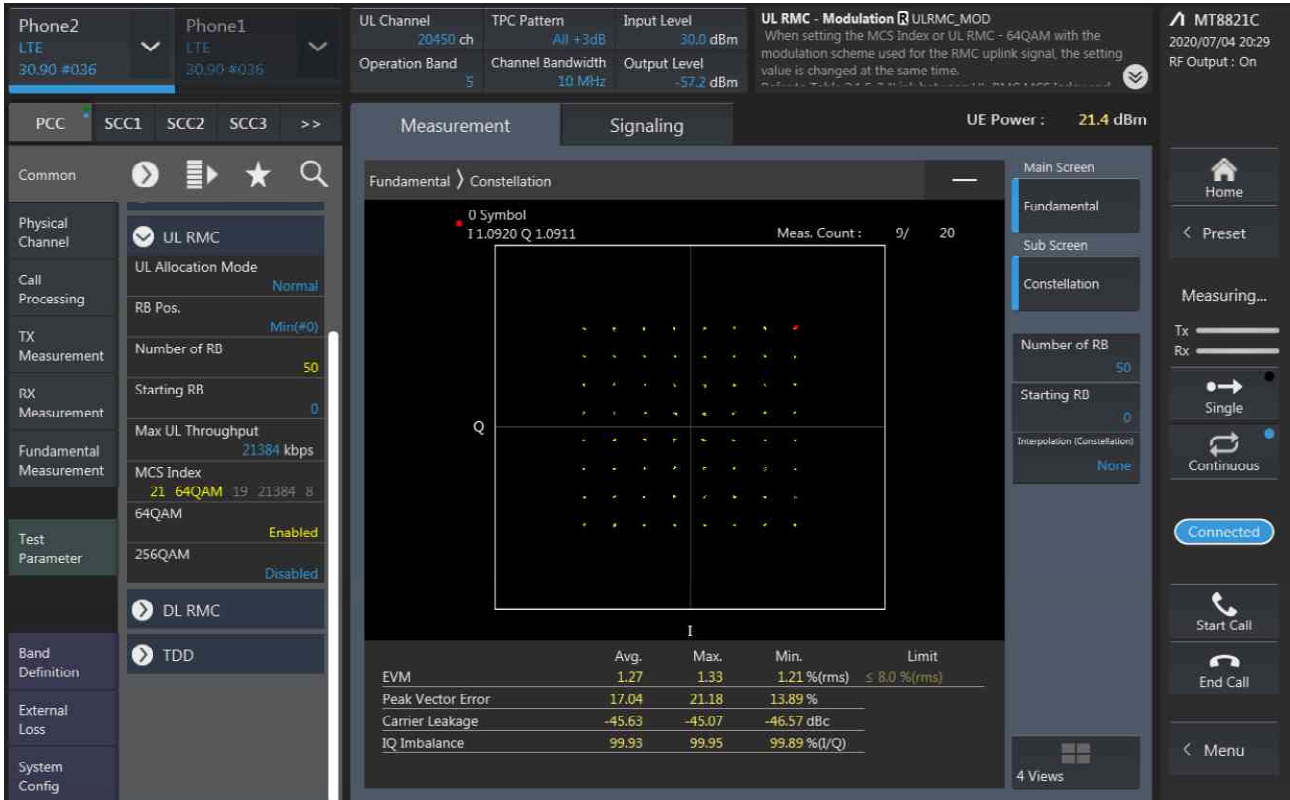
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3.3. Test Mode = LTE /TM3 10MHz

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	1.109	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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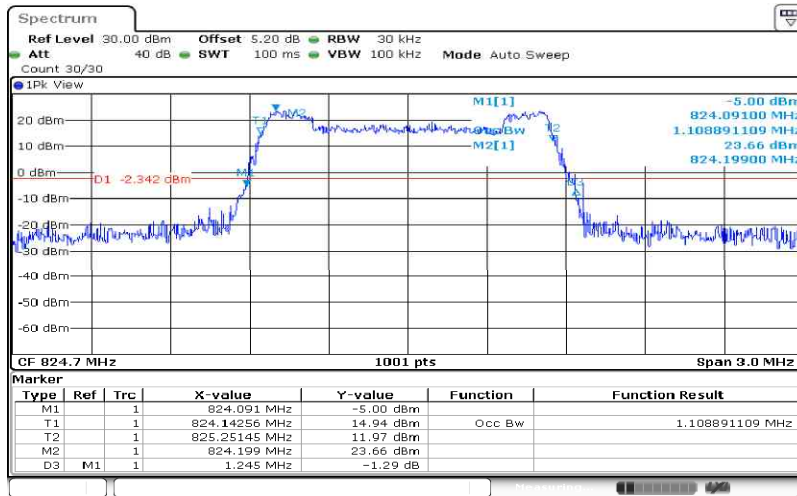
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Band5	10MHz	64QAM	20525	50RB#0	8.911	9.620	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.931	10.060	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.931	9.680	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.911	9.660	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.951	9.720	PASS

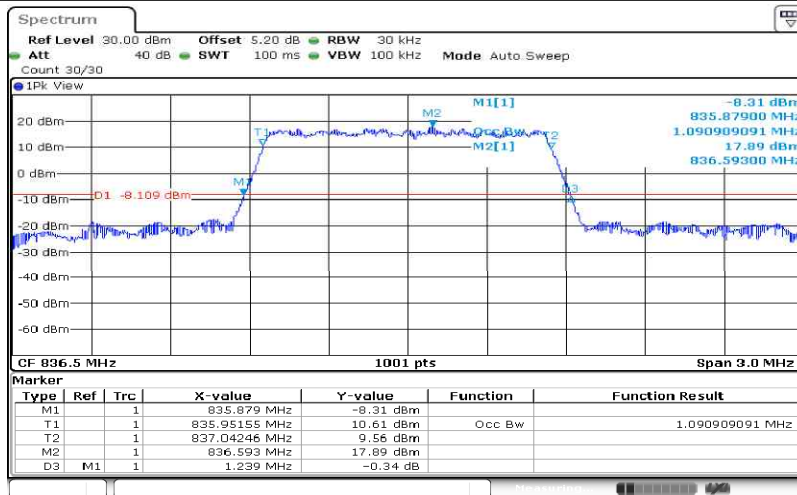
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Band5-1.4MHz-QPSK-20407-6RB#0-1.109



Date: 29.MAY.2020 12:05:27

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



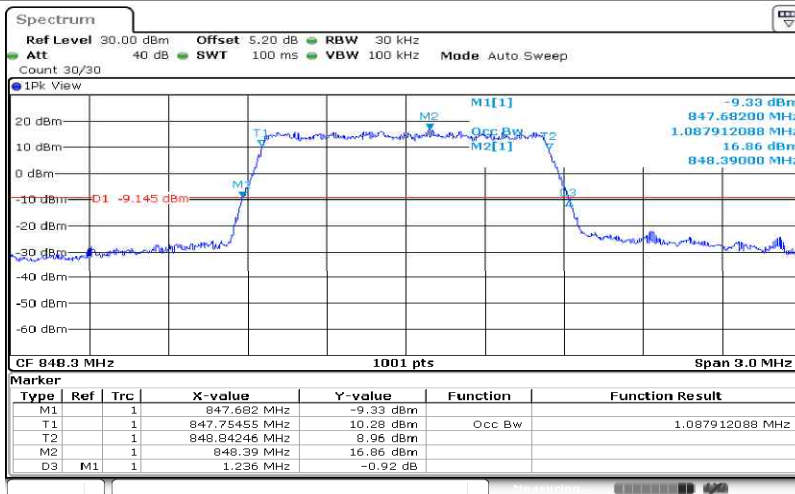
Date: 29.MAY.2020 12:05:57



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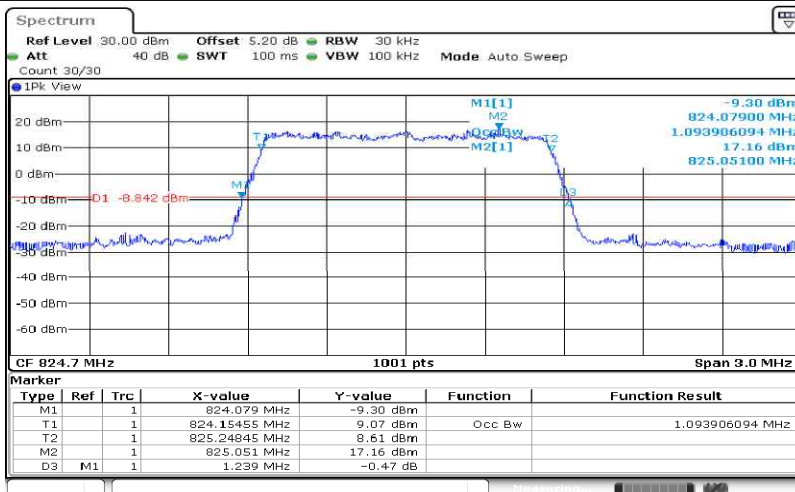


Band5-1.4MHz-QPSK-20643-6RB#0-1.088



Date: 29 MAY 2020 12:06:22

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



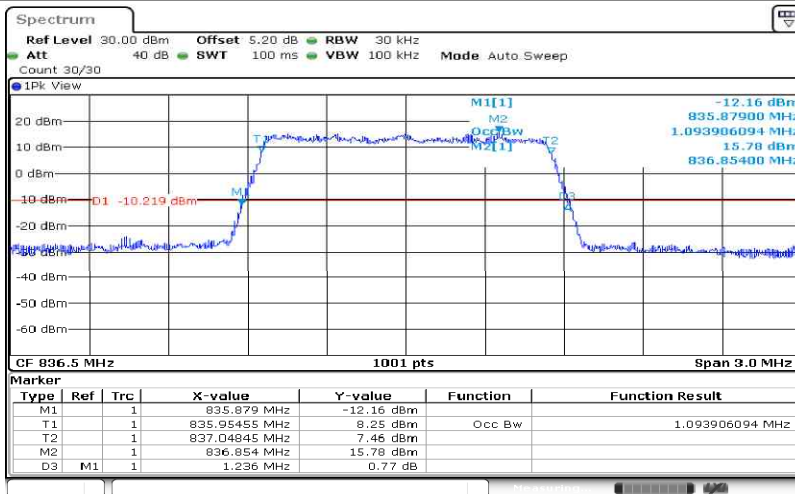
Date: 1 JUN 2020 07:31:23



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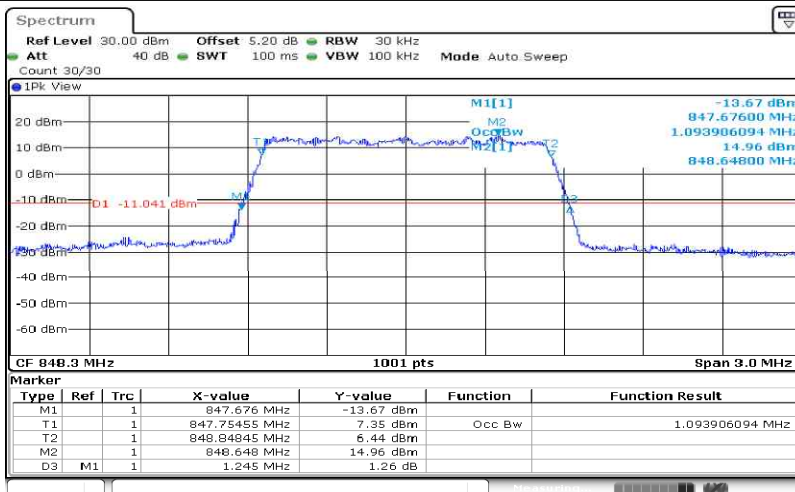


Band5-1.4MHz-64QAM-20525-6RB#0-1.094



Date: 1.JUN.2020 07:31:36

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

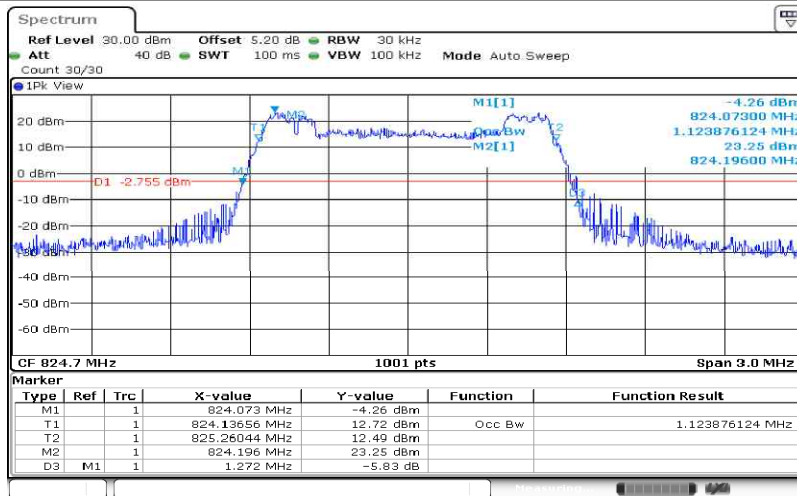


Date: 1.JUN.2020 07:31:49



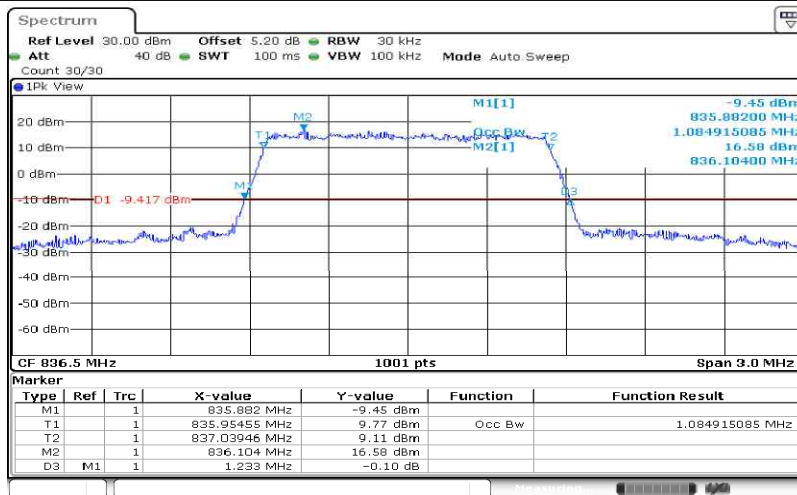
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Band5-1.4MHz-16QAM-20407-6RB#0-1.124



Date: 29 MAY 2020 12:05:39

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



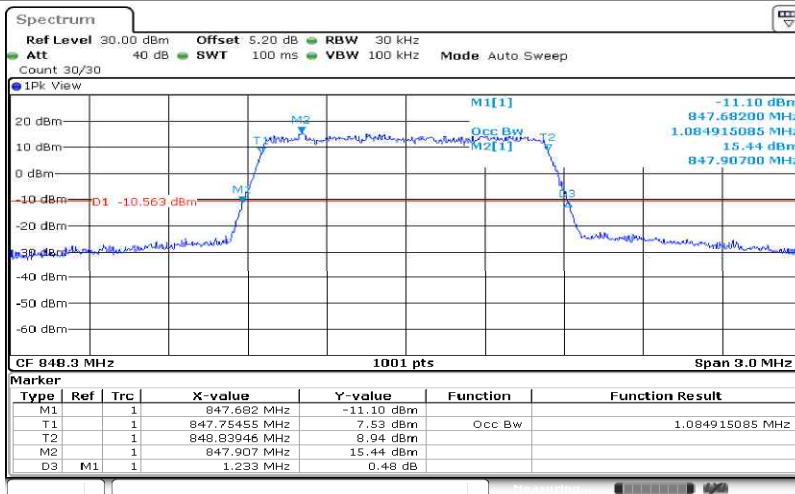
Date: 29 MAY 2020 12:06:09



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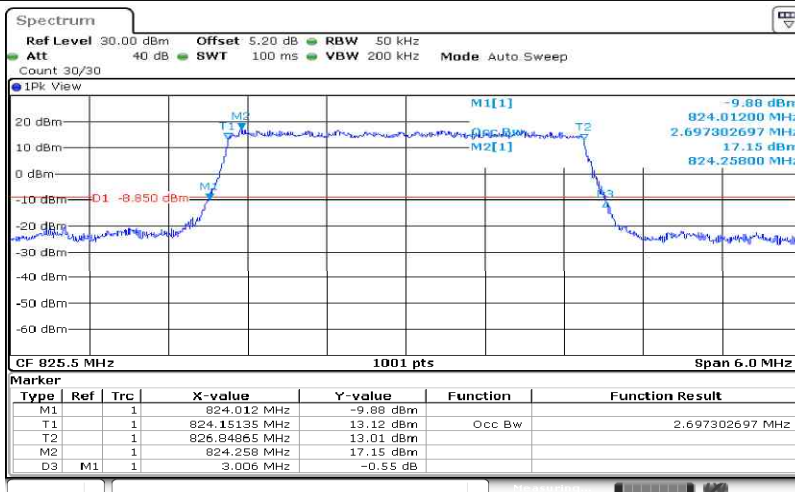


Band5-1.4MHz-16QAM-20643-6RB#0-1.085



Date: 29.MAY.2020 12:06:35

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



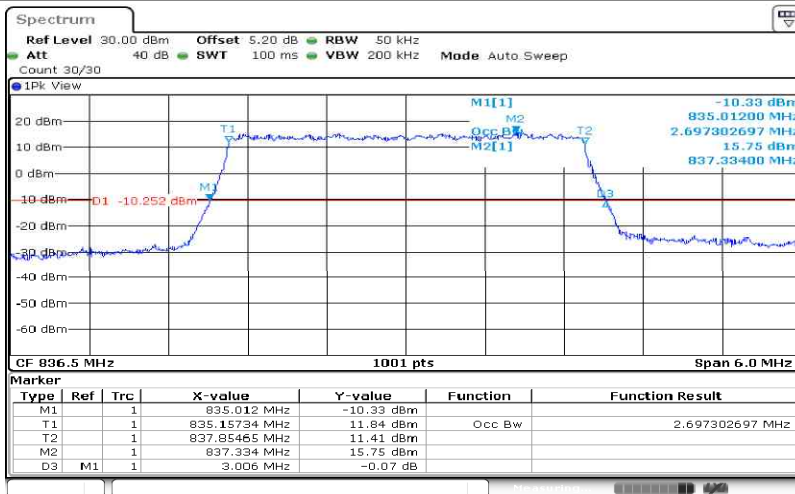
Date: 29.MAY.2020 12:06:53



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



Date: 29.MAY.2020 12:07:19

Band5-3MHz-QPSK-20635-15RB#0-2.697



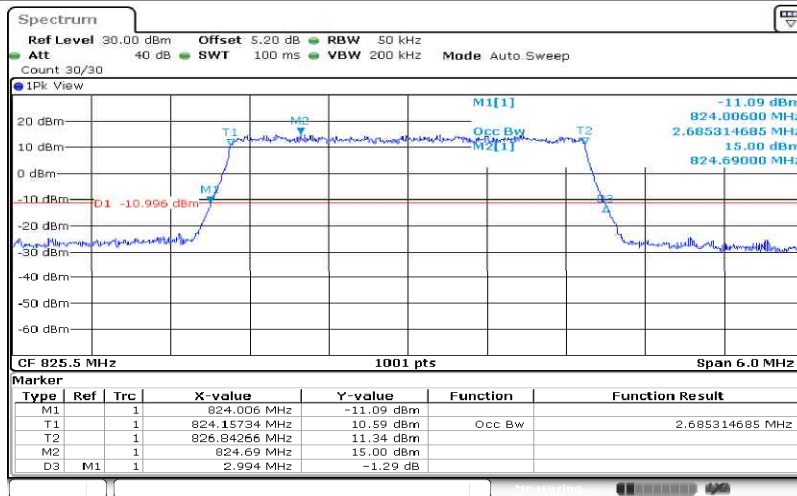
Date: 29.MAY.2020 12:07:44



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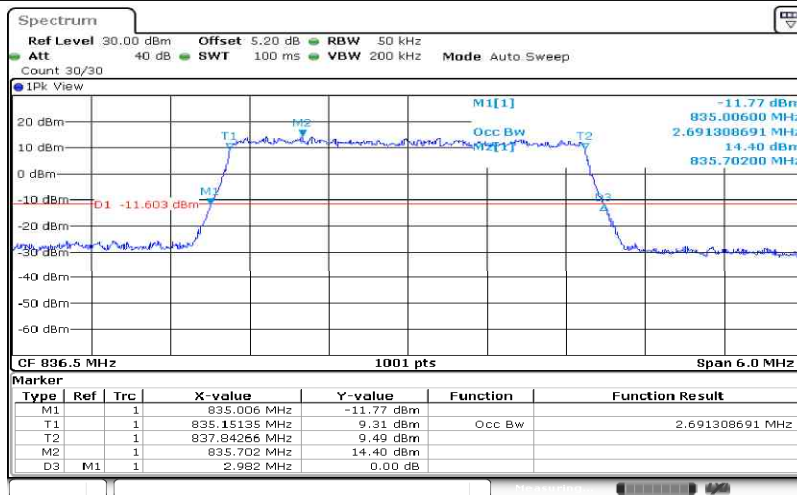


Band5-3MHz-64QAM-20415-15RB#0-2.685



Date: 1 JUN 2020 07:32:09

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



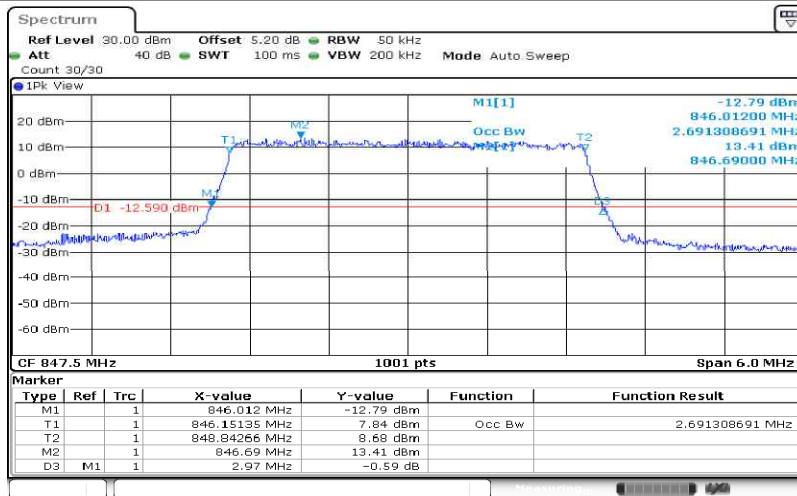
Date: 1 JUN 2020 07:32:22



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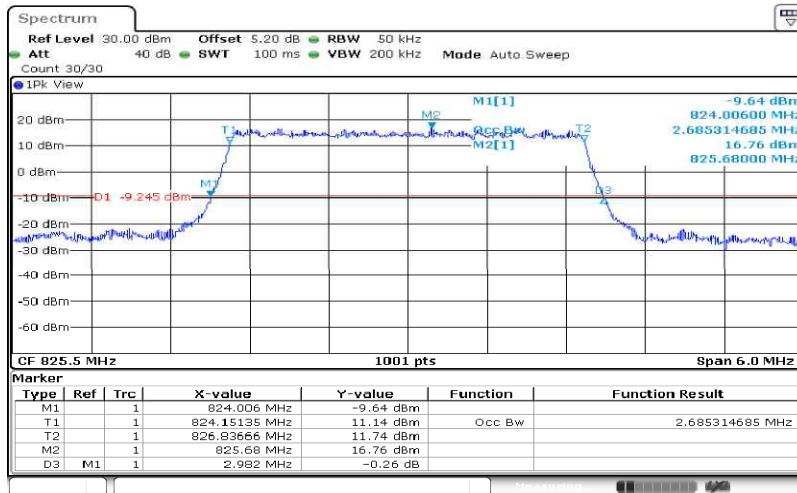


Band5-3MHz-64QAM-20635-15RB#0-2.691



Date: 1 JUN 2020 07:32:34

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



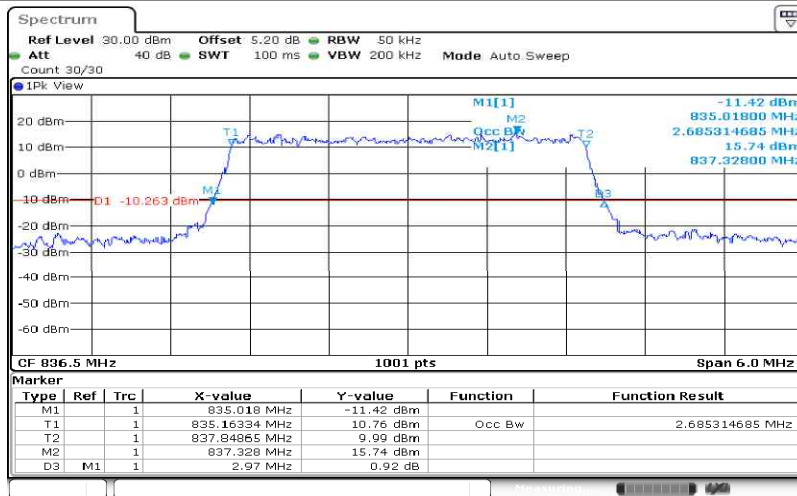
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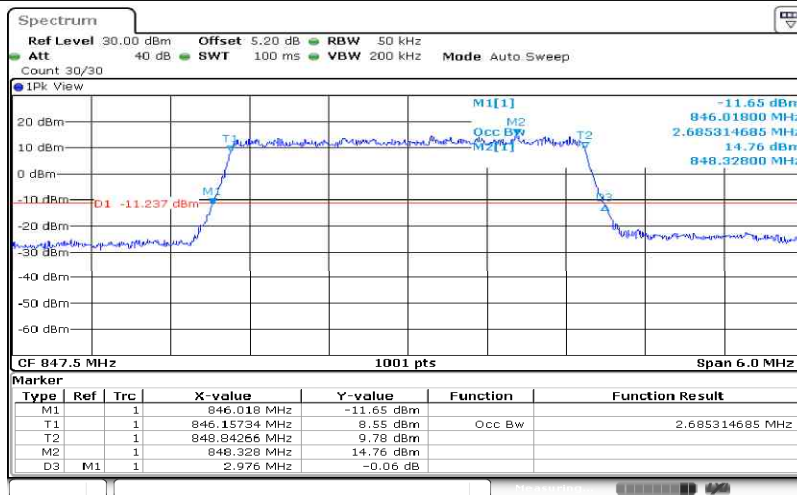


Band5-3MHz-16QAM-20525-15RB#0-2.685



Date: 29.MAY.2020 12:07:31

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



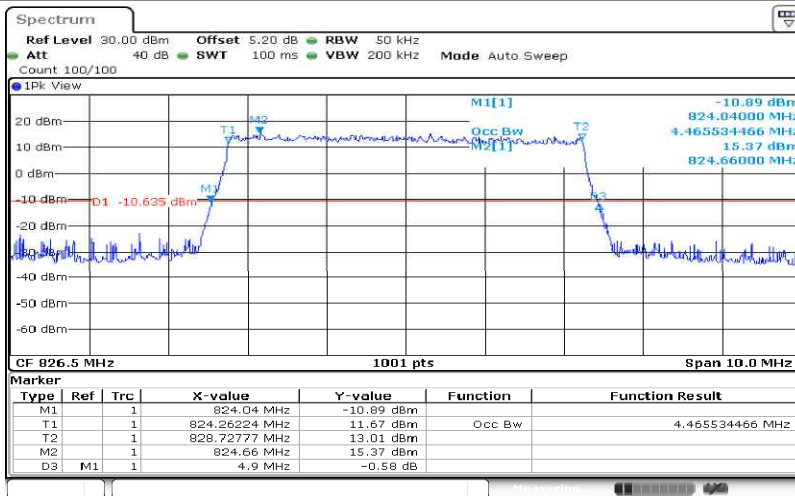
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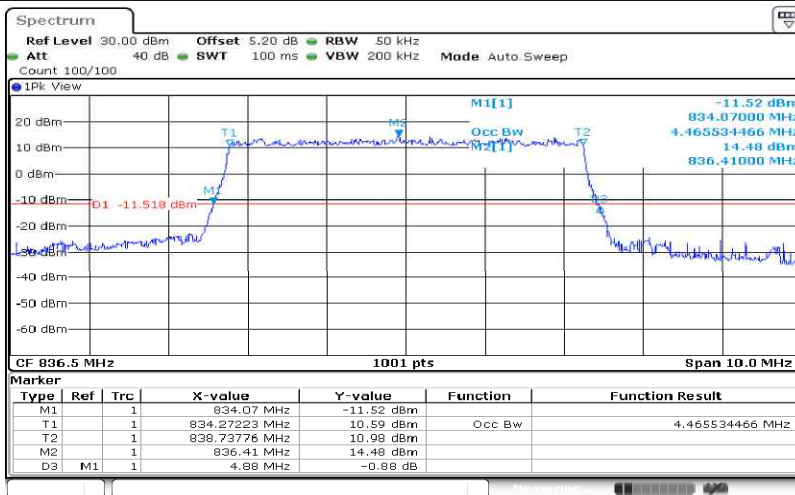


Band5-5MHz-QPSK-20425-25RB#0-4.466



Date: 29.MAY.2020 12:08:22

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



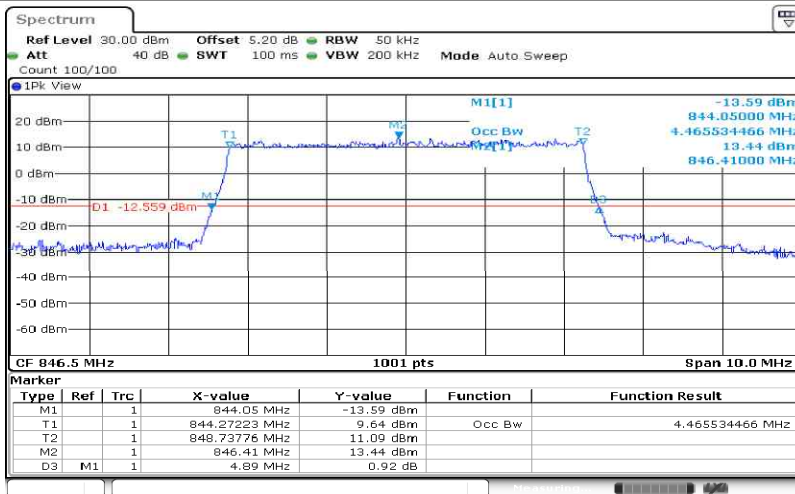
Date: 29.MAY.2020 12:09:01



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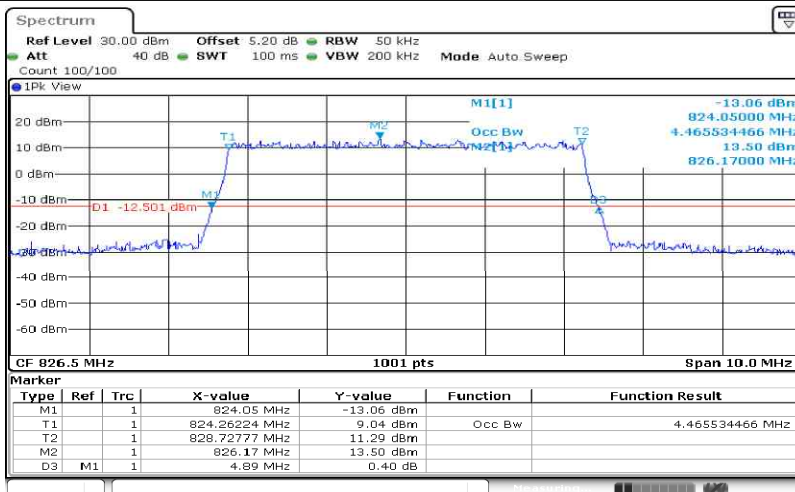


Band5-5MHz-QPSK-20625-25RB#0-4.466



Date: 29 MAY 2020 12:09:41

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



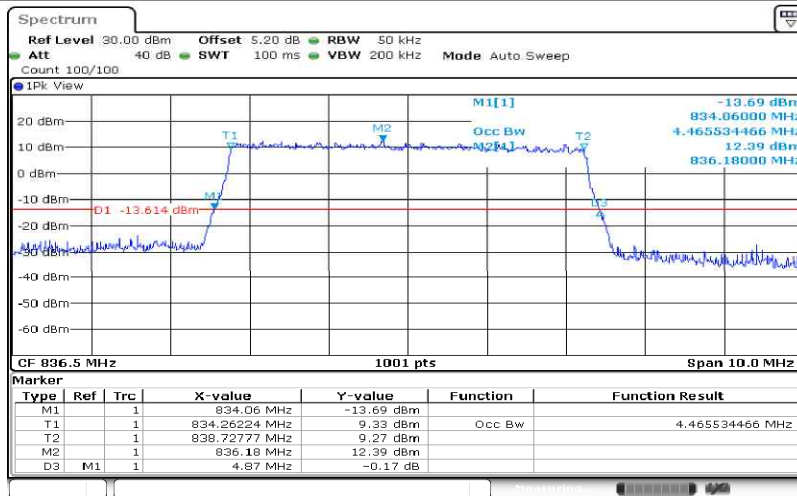
Date: 1 JUN 2020 07:33:01



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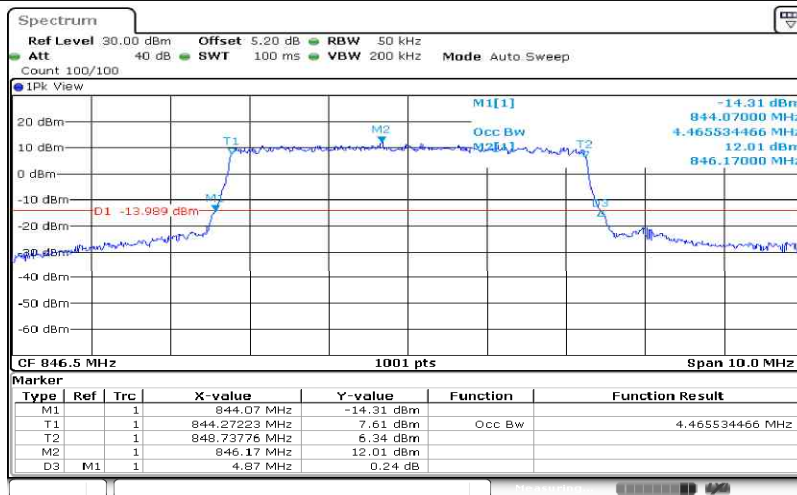


Band5-5MHz-64QAM-20525-25RB#0-4.466



Date: 1 JUN 2020 07:33:21

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



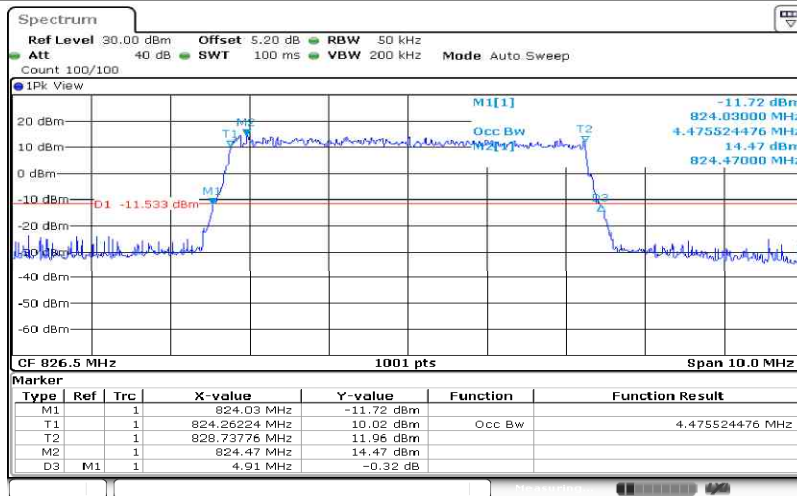
Date: 1 JUN 2020 07:33:41



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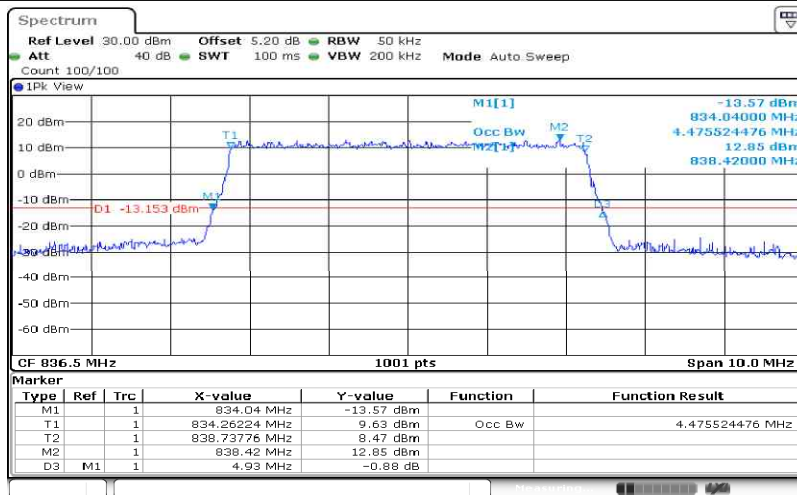


Band5-5MHz-16QAM-20425-25RB#0-4.476



Date: 29.MAY.2020 12:08:41

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



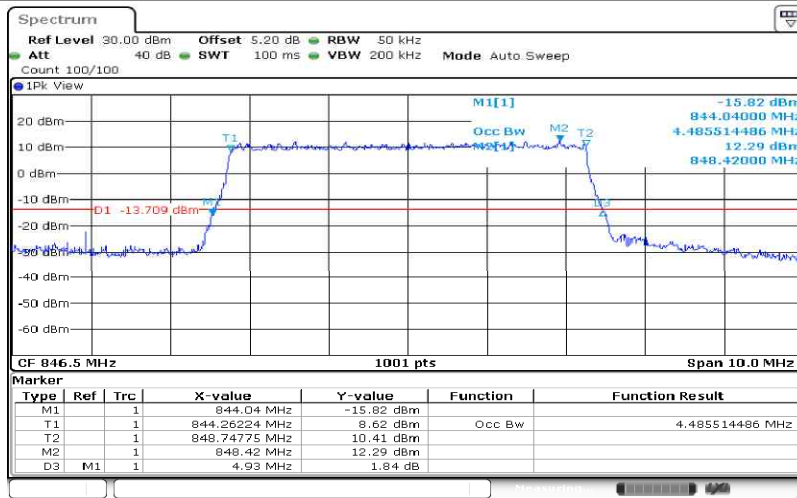
Date: 29.MAY.2020 12:09:21



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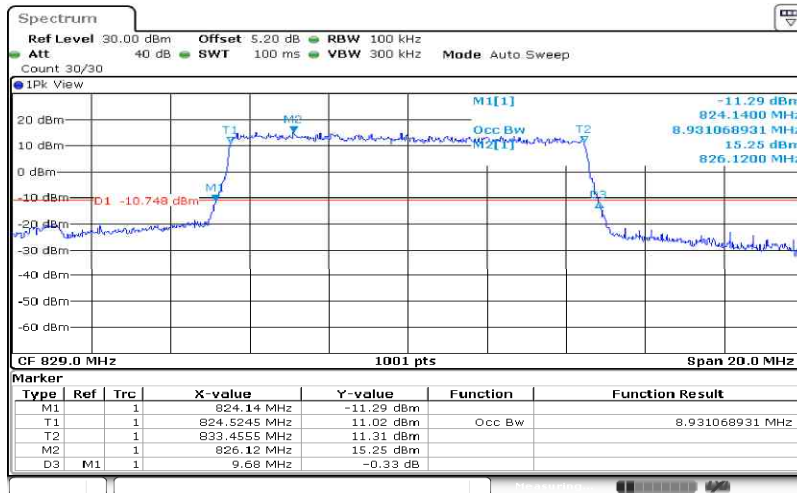


Band5-5MHz-16QAM-20625-25RB#0-4.486



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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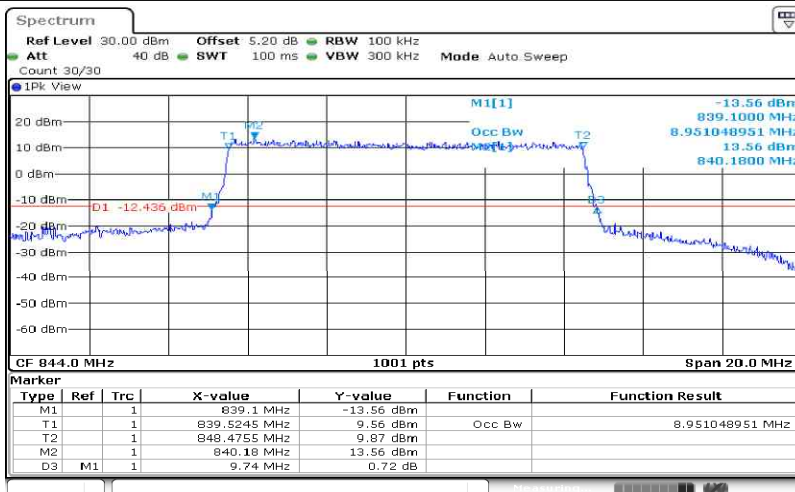


Band5-10MHz-QPSK-20525-50RB#0-8.911



Date: 29.MAY.2020 12:10:45

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



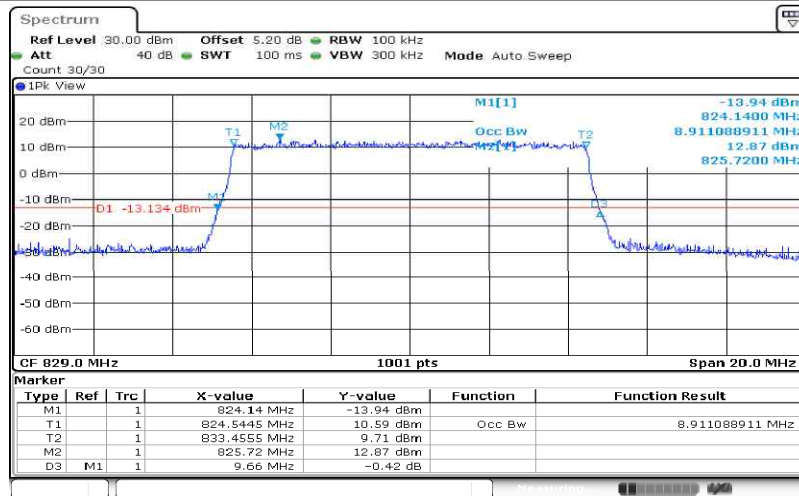
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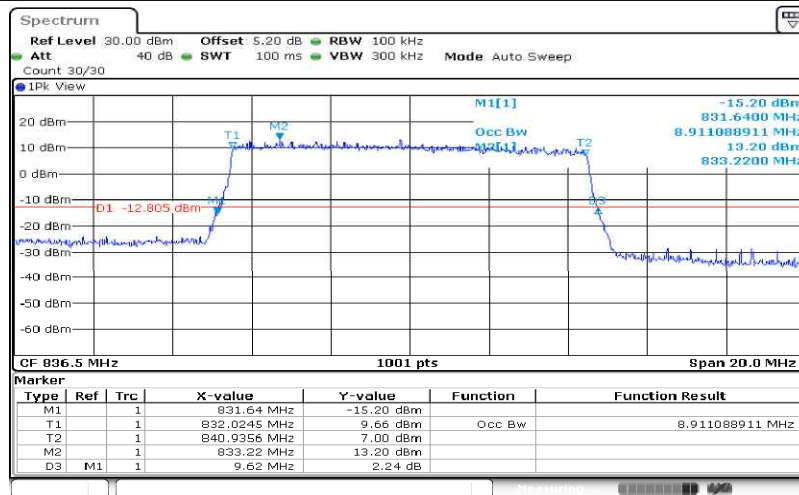
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Band5-10MHz-64QAM-20450-50RB#0-8.911



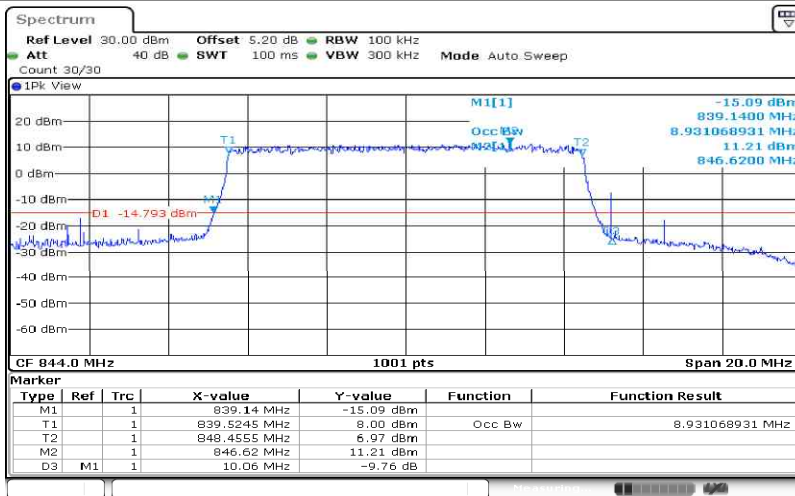
Band5-10MHz-64QAM-20525-50RB#0-8.911



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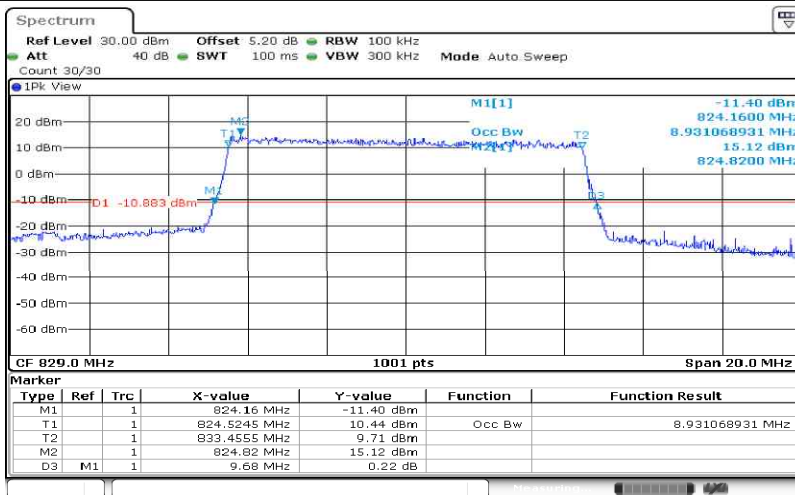


Band5-10MHz-64QAM-20600-50RB#0-8.931



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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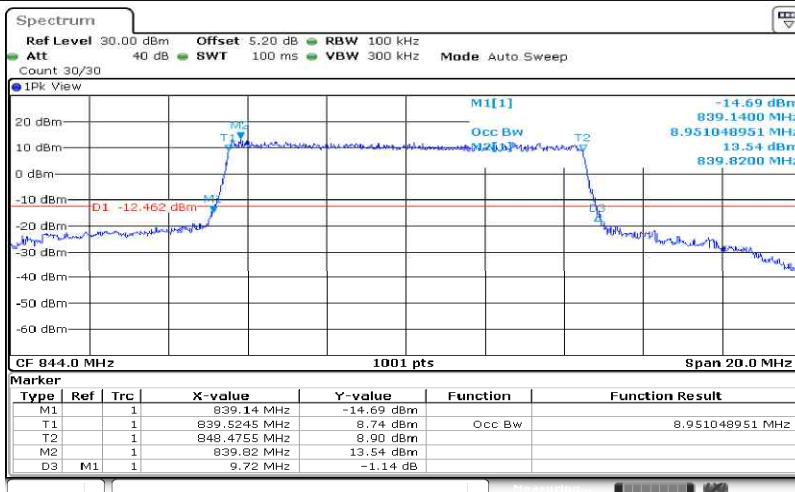


Band5-10MHz-16QAM-20525-50RB#0-8.911



Date: 29.MAY.2020 12:10:57

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



Date: 29.MAY.2020 12:11:23

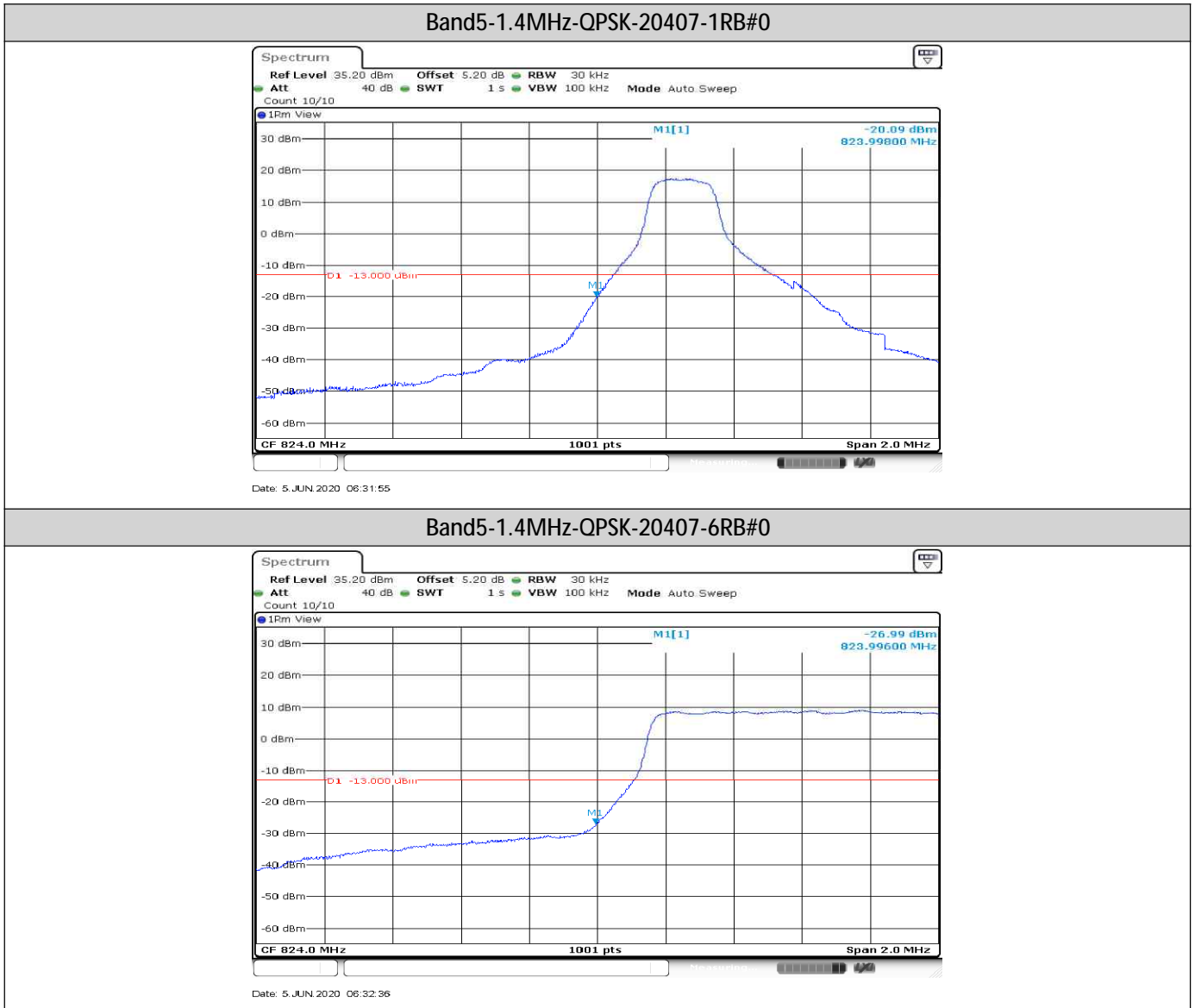


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5. Band Edge Compliance

5.1. Test Plots



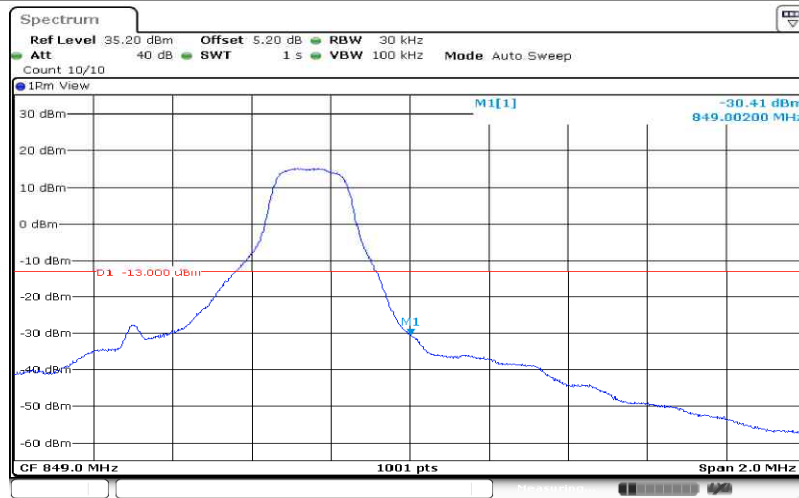
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Band5-1.4MHz-QPSK-20643-1RB#5



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 08:32:57



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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



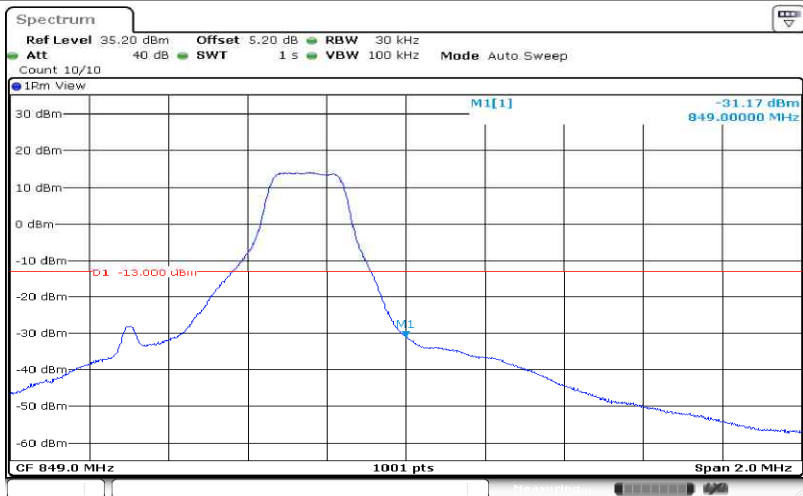
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Band5-1.4MHz-16QAM-20643-1RB#5



Date: 29.MAY.2020 12:13:52

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



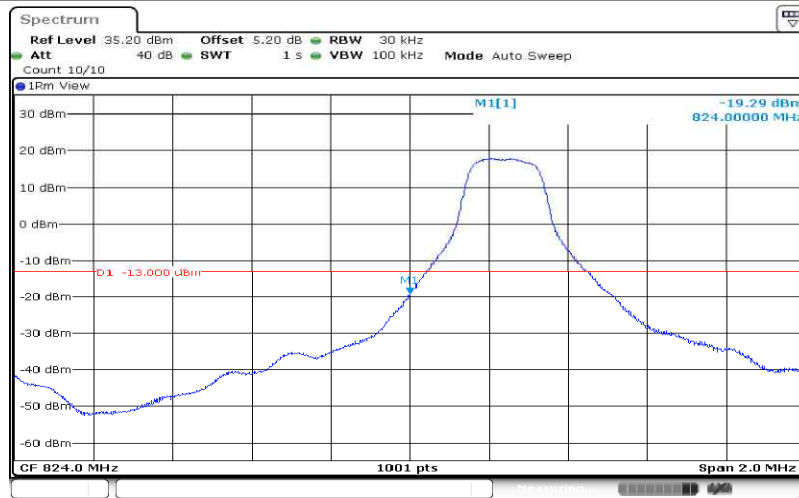
Date: 29.MAY.2020 12:14:33



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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



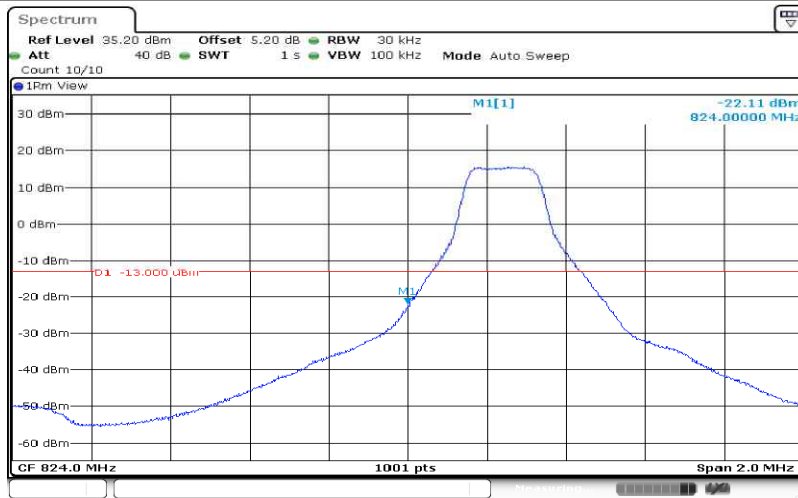
Date: 29.MAY.2020 12:17:10



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



Date: 1 JUN 2020 07:42:53

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

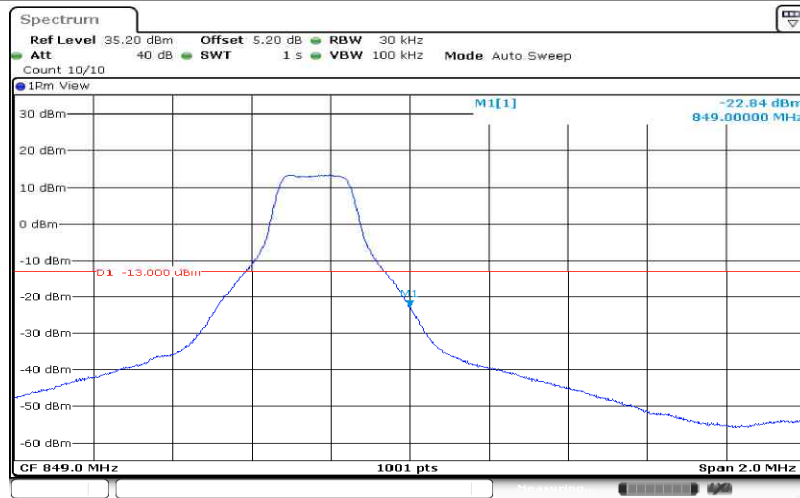


Date: 1 JUN 2020 07:43:13



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



Date: 1 JUN 2020 07:43:42

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



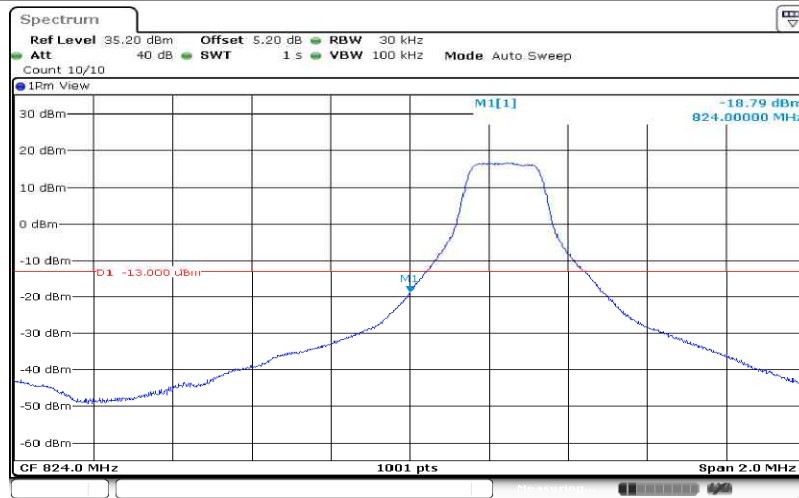
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Band5-3MHz-16QAM-20415-1RB#0



Date: 29.MAY.2020 12:15:21

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

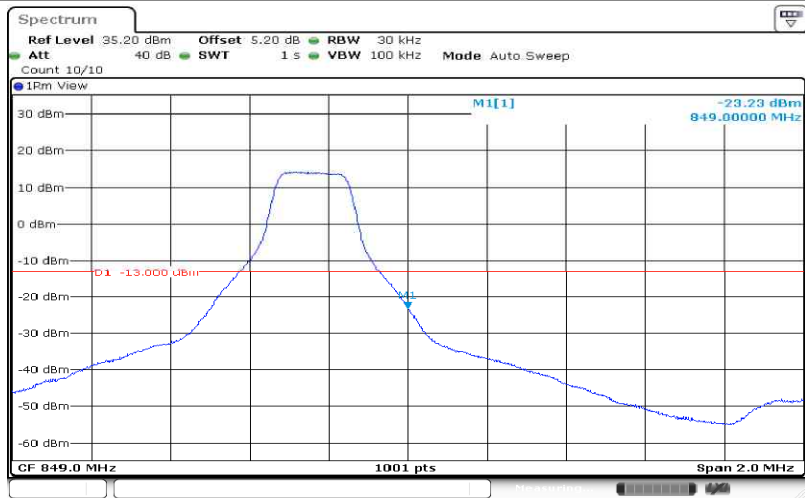


Date: 29.MAY.2020 12:16:03



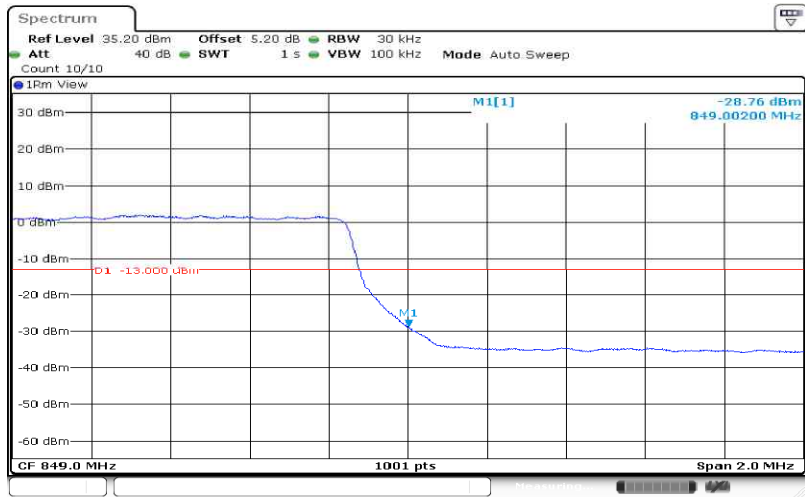
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Band5-3MHz-16QAM-20635-1RB#14



Date: 29.MAY.2020 12:16:49

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



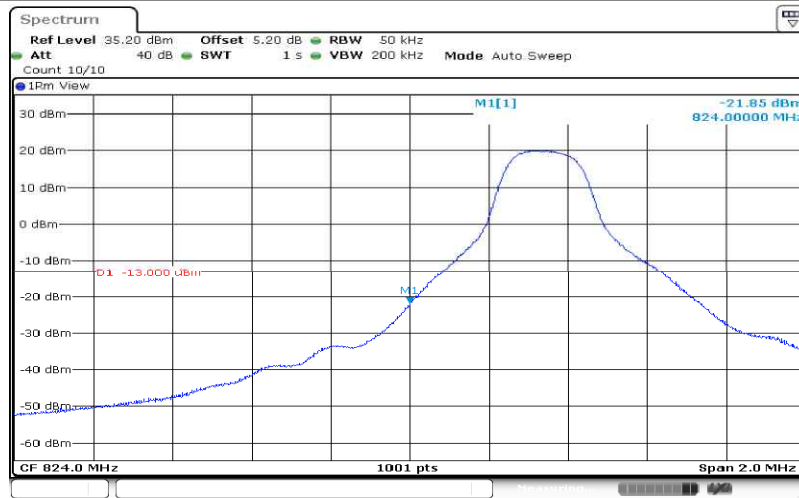
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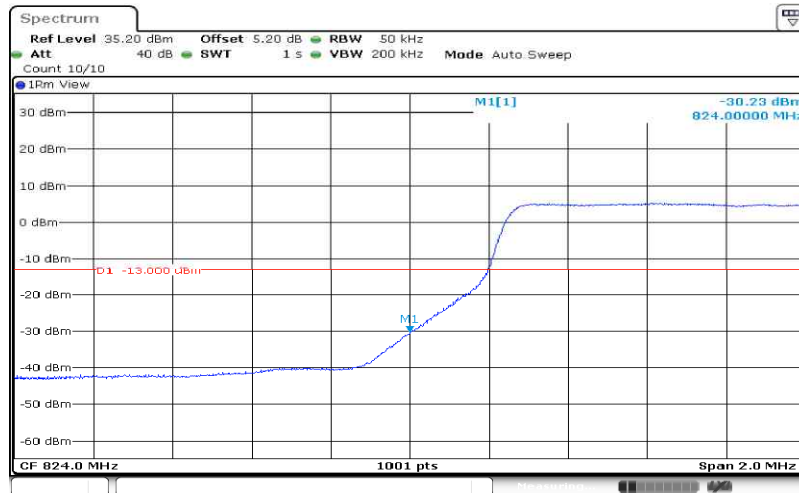


Band5-5MHz-QPSK-20425-1RB#0



Date: 29.MAY.2020 12:17:57

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



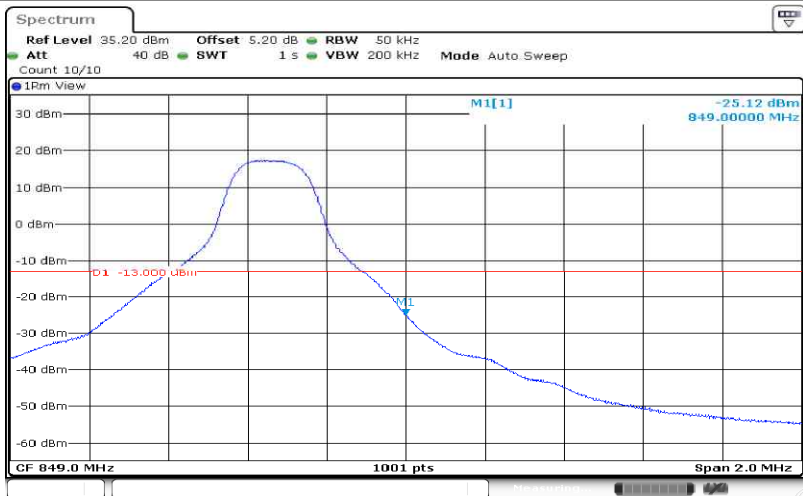
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Band5-5MHz-QPSK-20625-1RB#24



Date: 29.MAY.2020 12:19:24

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



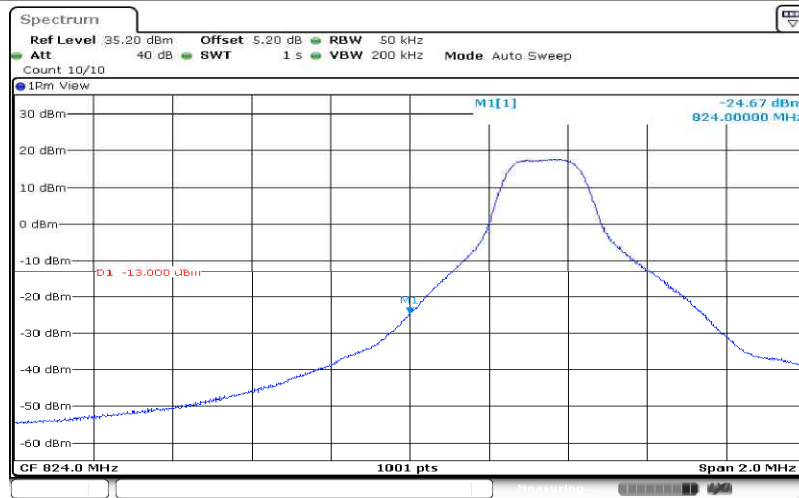
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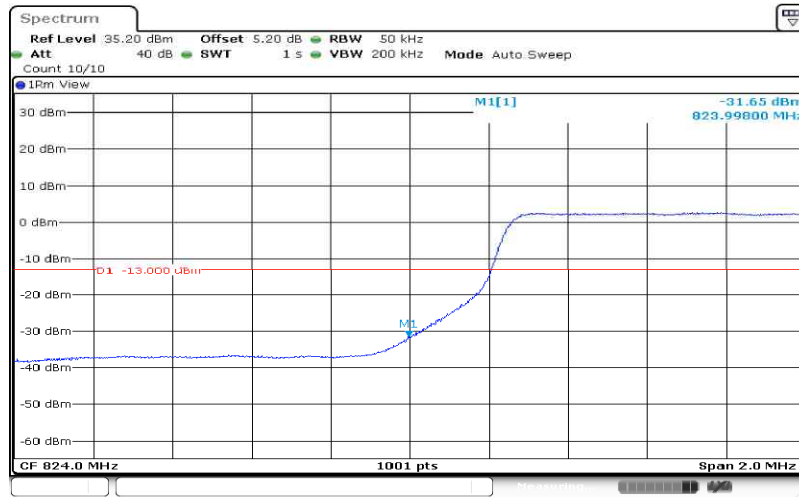


Band5-5MHz-64QAM-20425-1RB#0



Date: 1 JUN 2020 07:44:36

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



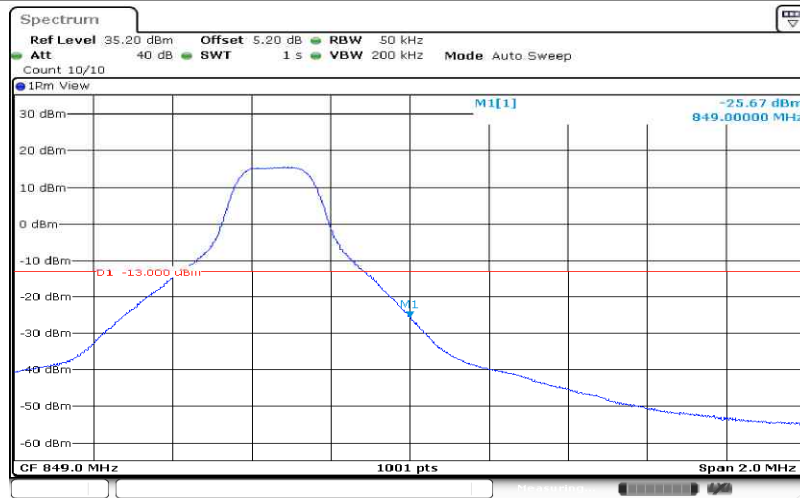
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Band5-5MHz-64QAM-20625-1RB#24



Date: 1 JUN 2020 07:45:25

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



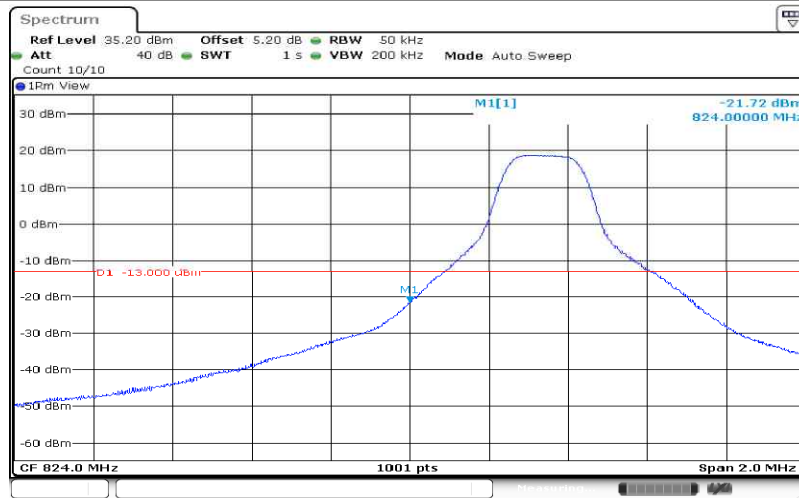
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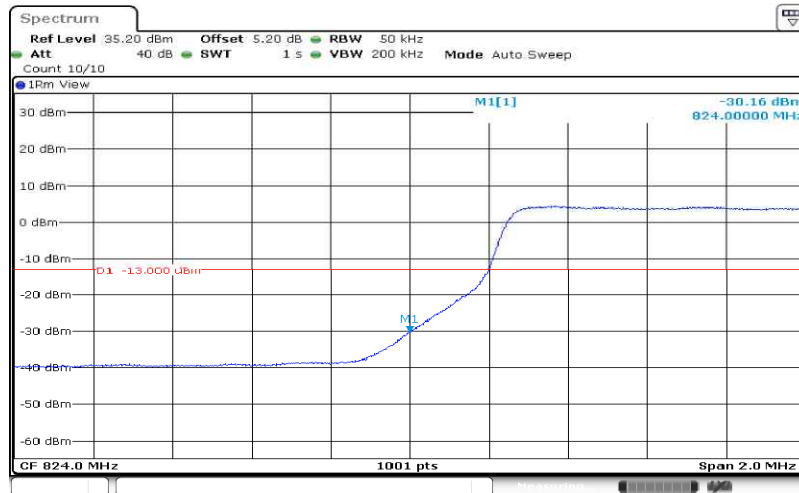


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Date: 29.MAY.2020 12:18:17

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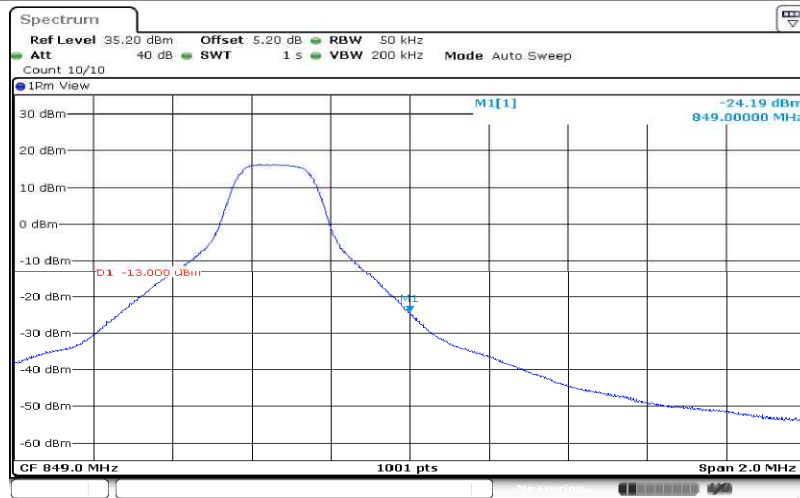
Date: 29.MAY.2020 12:18:59



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



Date: 29.MAY.2020 12:19:45

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

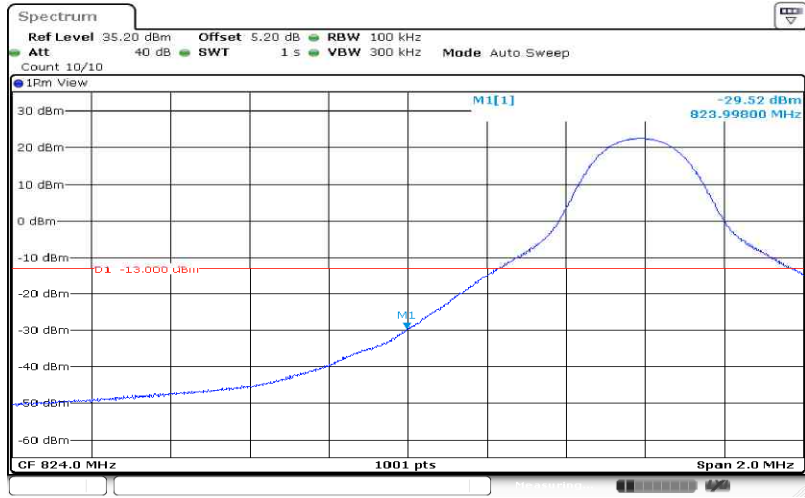


Date: 29.MAY.2020 12:20:26



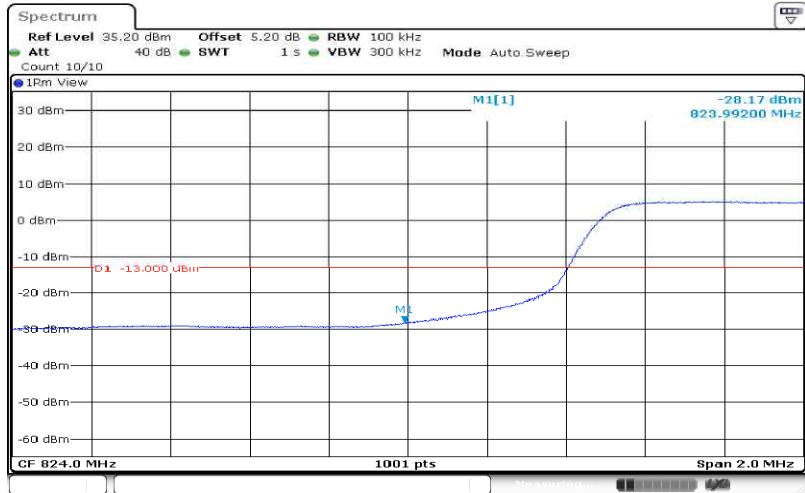
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Band5-10MHz-QPSK-20450-1RB#0



Date: 29 MAY 2020 12:20:52

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



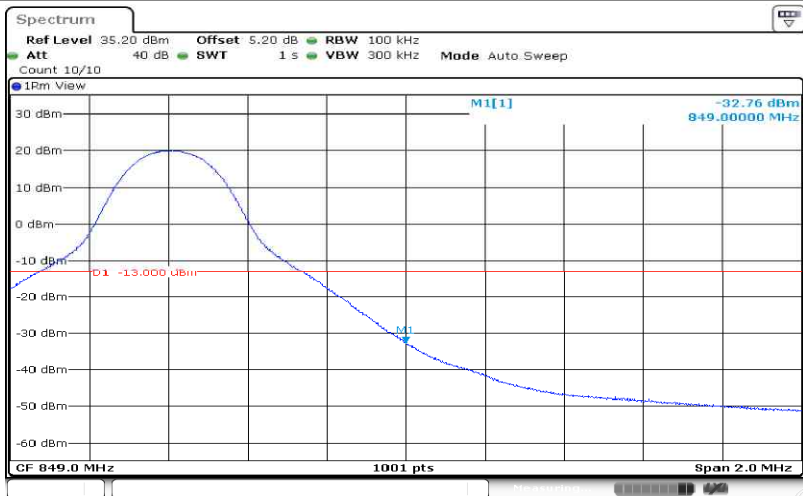
Date: 29 MAY 2020 12:21:33



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



Date: 29.MAY.2020 12:22:18

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



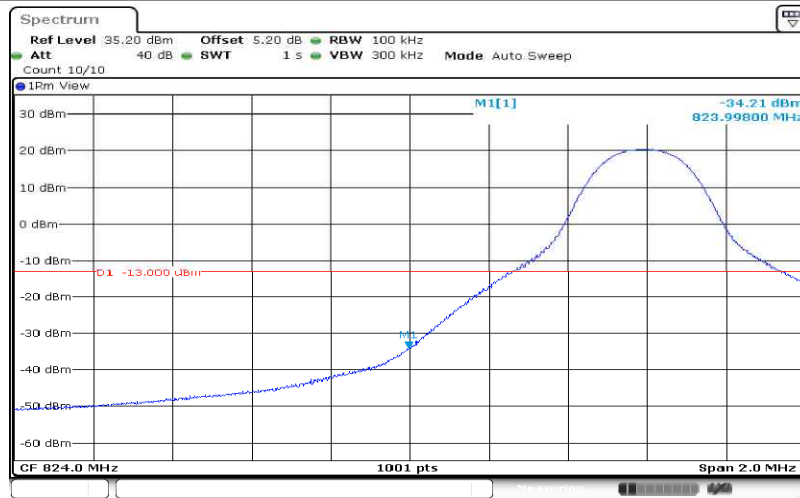
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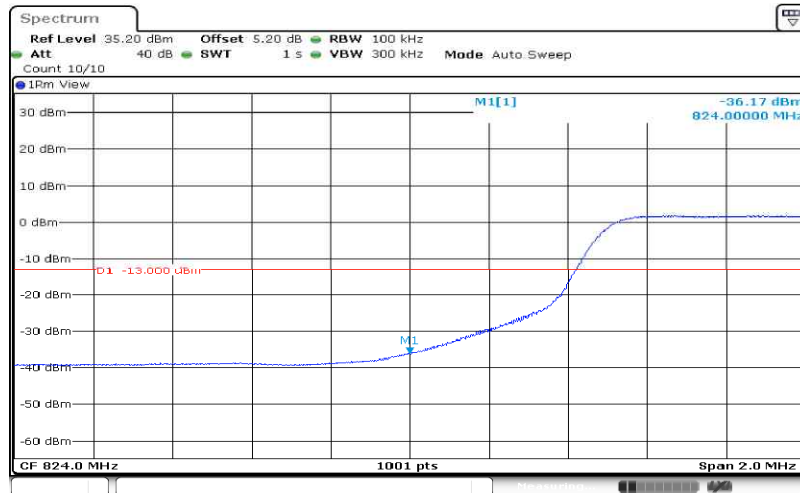


Band5-10MHz-64QAM-20450-1RB#0



Date: 1 JUN 2020 07:46:24

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



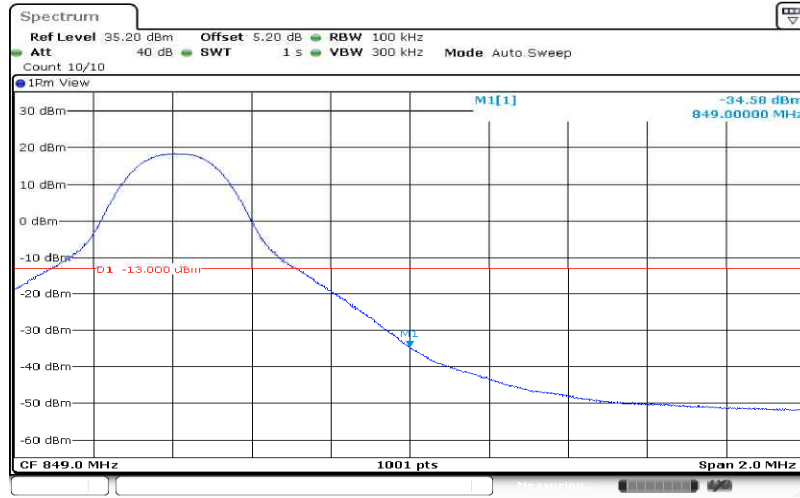
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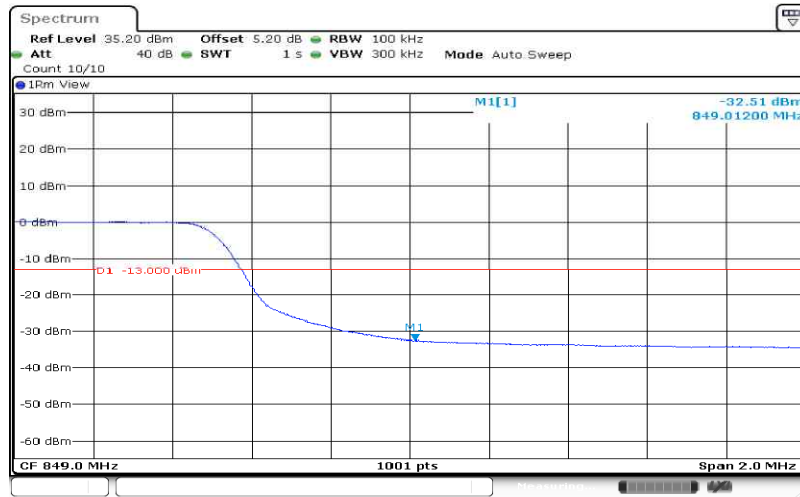


Band5-10MHz-64QAM-20600-1RB#49



Date: 1 JUN 2020 07:47:11

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



Date: 1 JUN 2020 07:47:31

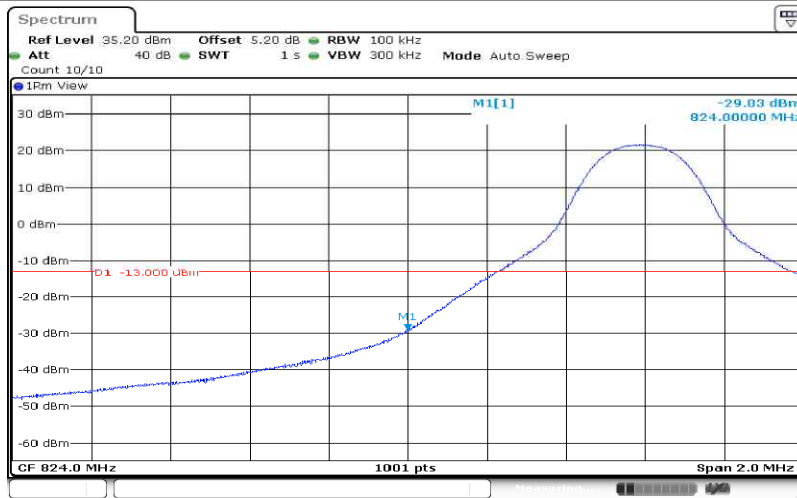


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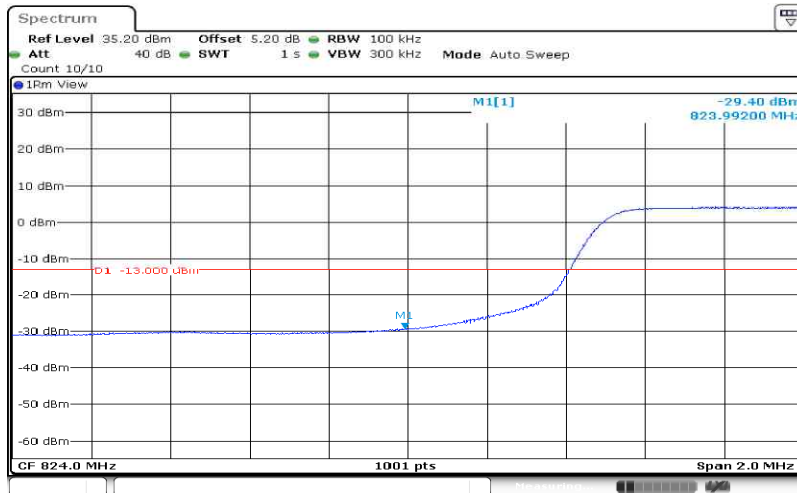


Band5-10MHz-16QAM-20450-1RB#0



Date: 29.MAY.2020 12:21:12

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



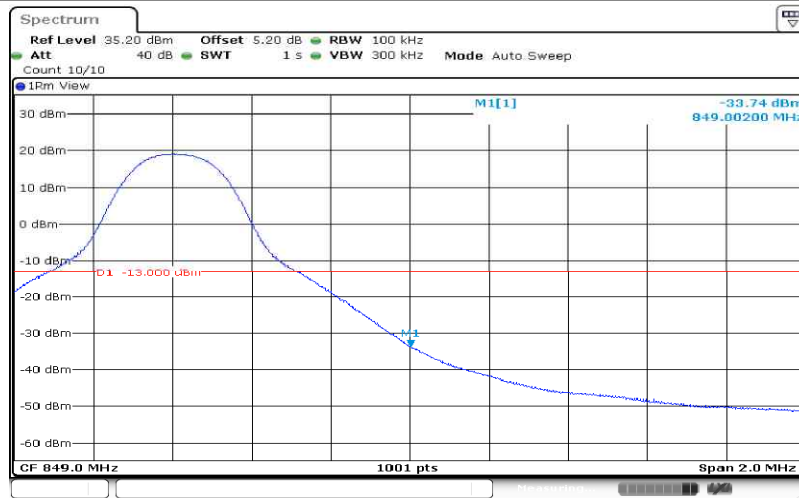
Date: 29.MAY.2020 12:21:53



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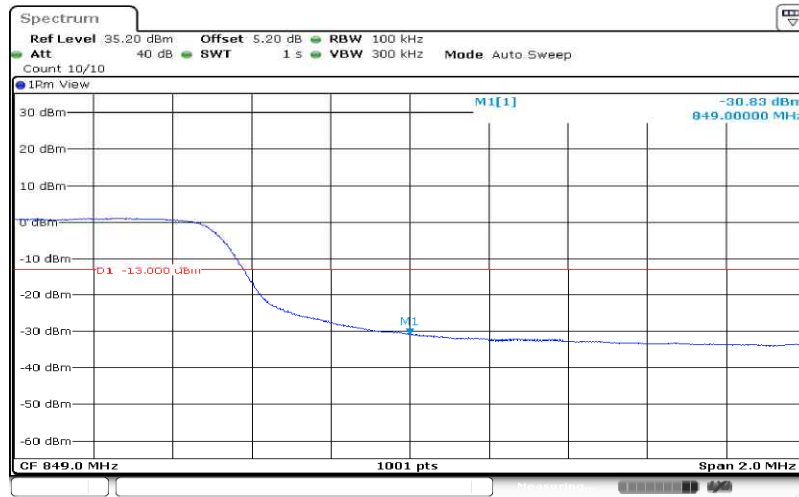


Band5-10MHz-16QAM-20600-1RB#49



Date: 29.MAY.2020 12:22:38

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



Date: 29.MAY.2020 12:23:19



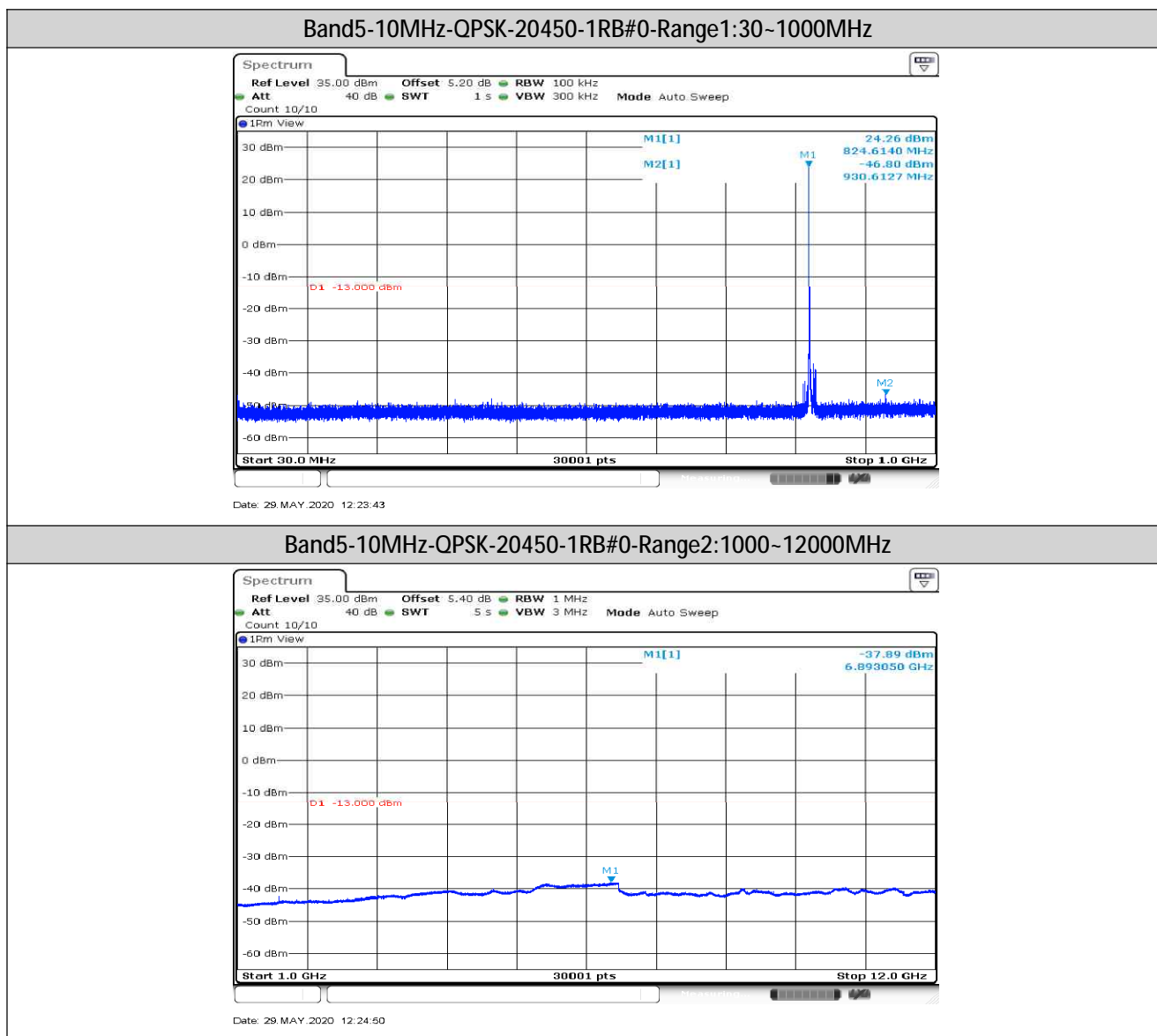
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6. Spurious Emission at Antenna Terminal

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 = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

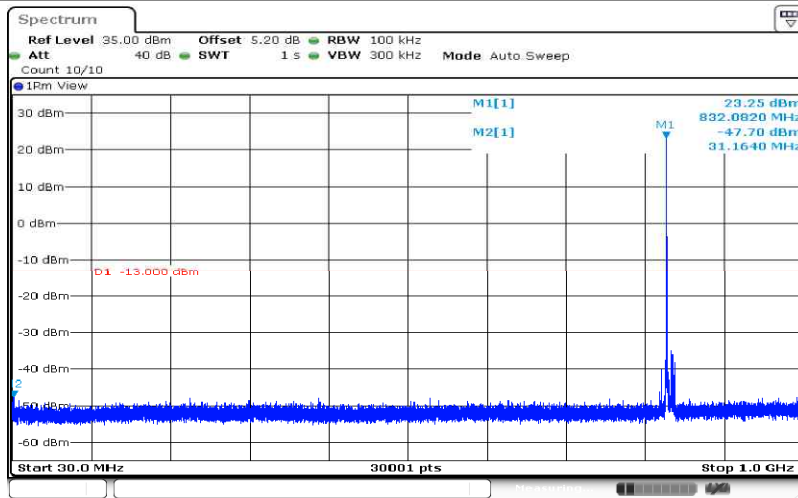
Remark2: only the worst case data displayed in this report.

6.1. Test Plots



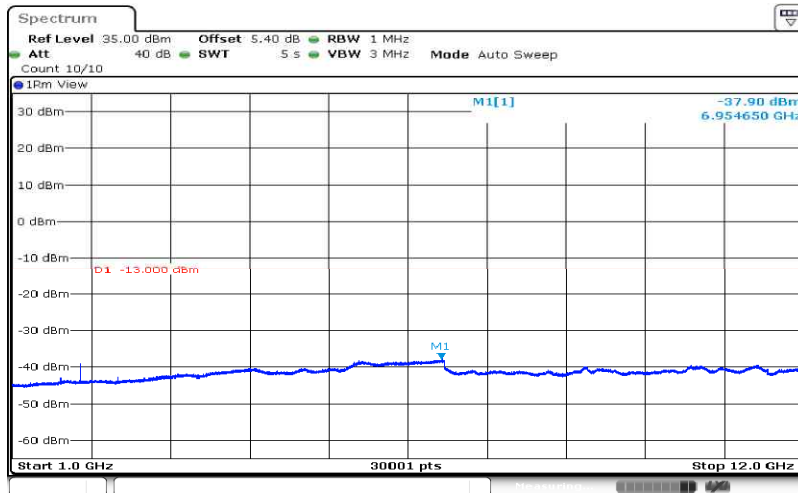


Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



Date: 29.MAY.2020 12:26:37

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



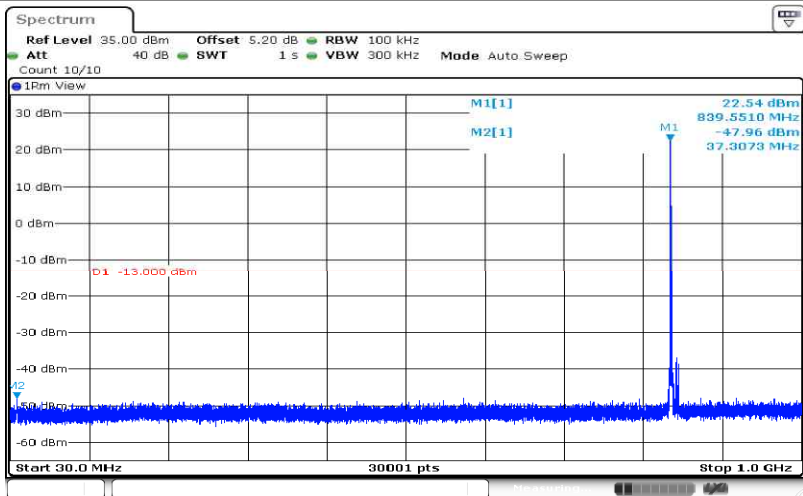
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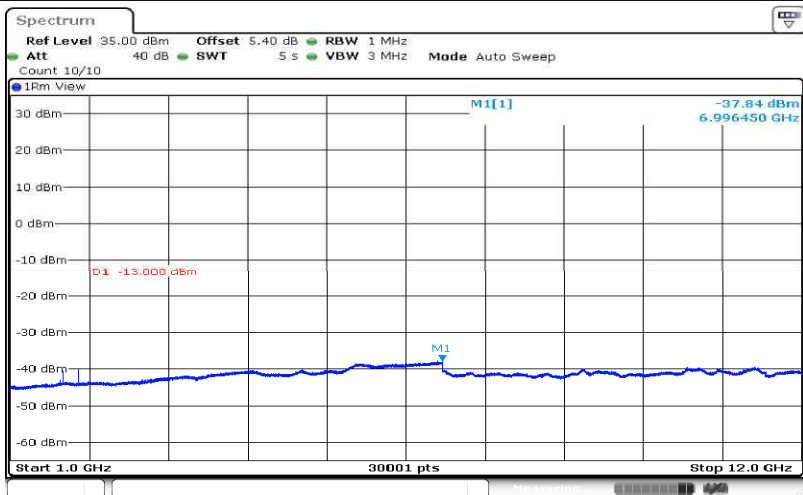


Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz



Date: 29.MAY.2020 12:29:31

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



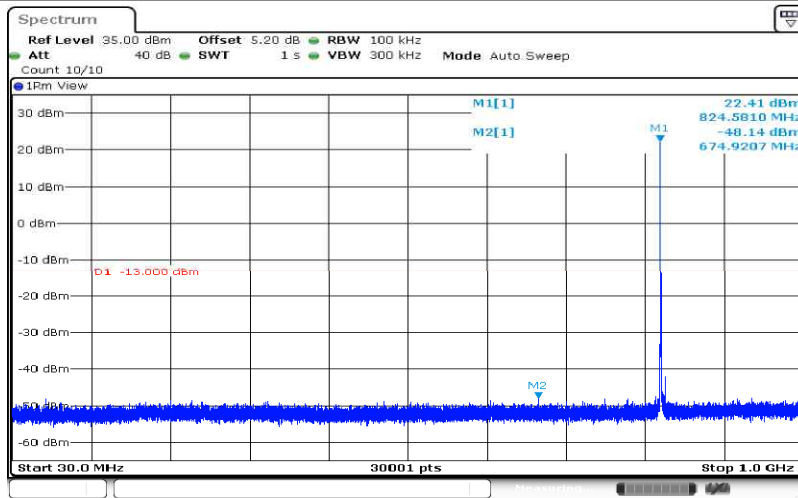
Date: 29.MAY.2020 12:30:39



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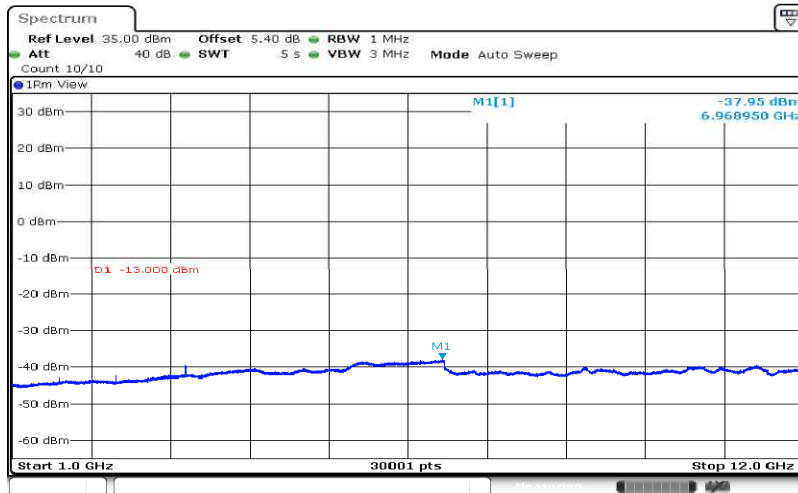


Band5-10MHz-64QAM-20450-1RB#0-Range1:30~1000MHz



Date: 1 JUN 2020 07:48:13

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



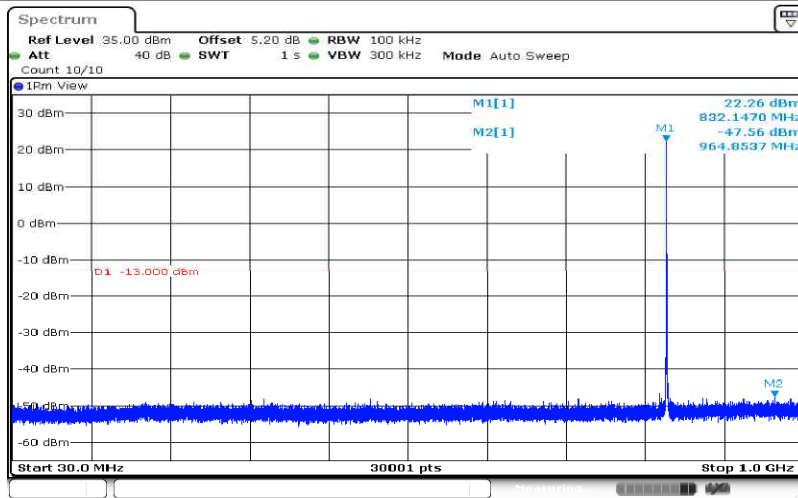
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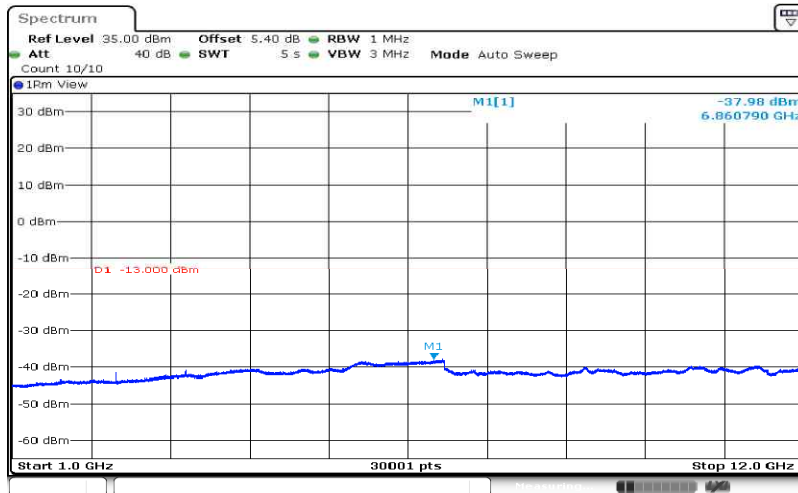


Band5-10MHz-64QAM-20525-1RB#0-Range1:30~1000MHz



Date: 1 JUN 2020 07:49:40

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



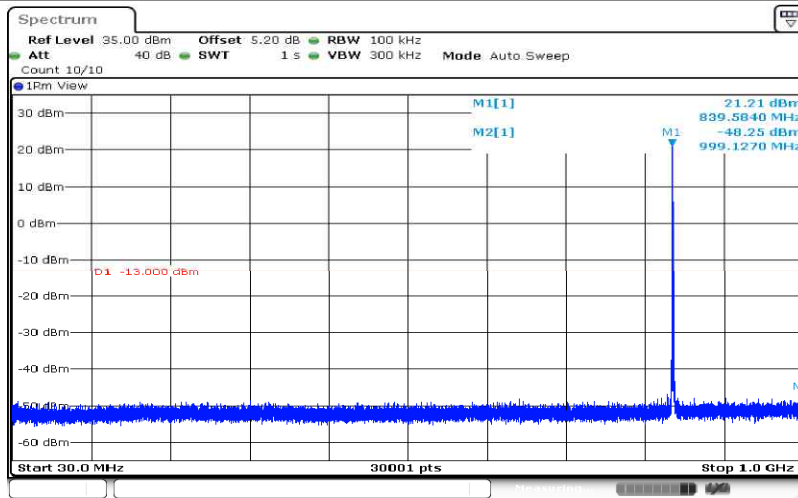
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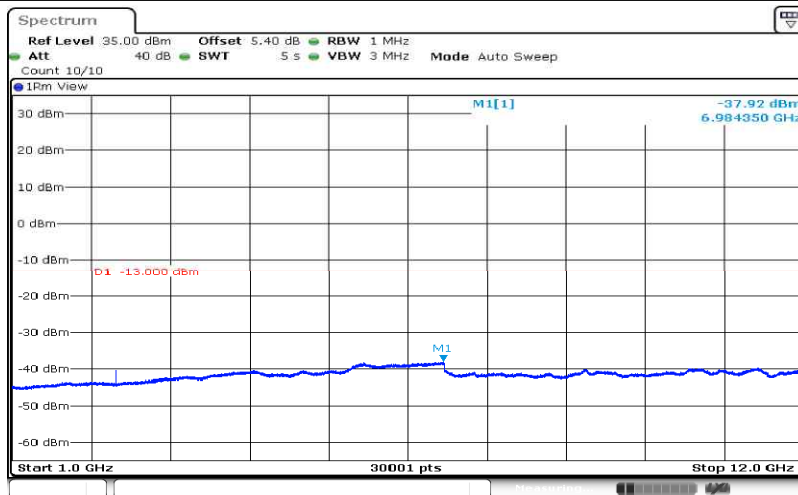


Band5-10MHz-64QAM-20600-1RB#0-Range1:30~1000MHz



Date: 1 JUN 2020 07:51:07

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



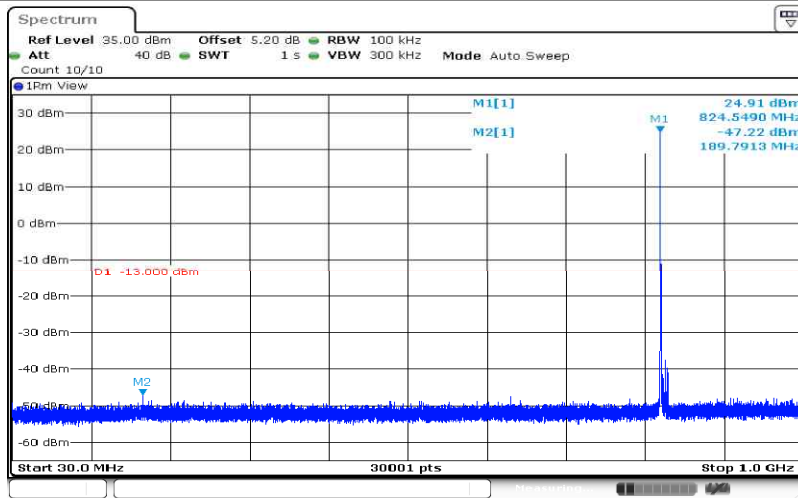
Date: 1 JUN 2020 07:52:14



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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



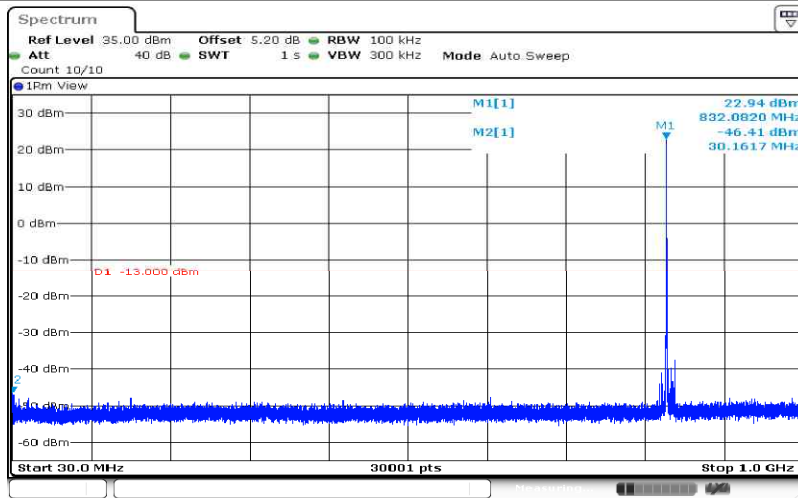
Date: 29.MAY.2020 12:26:17



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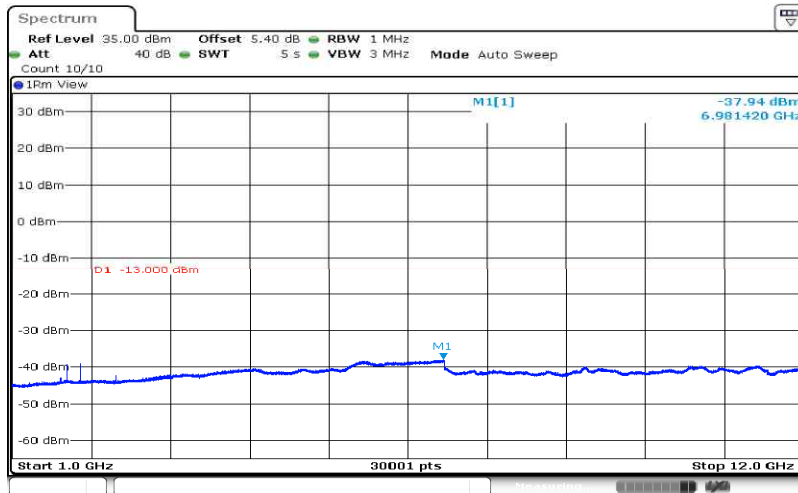


Band5-10MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



Date: 29.MAY.2020 12:28:04

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



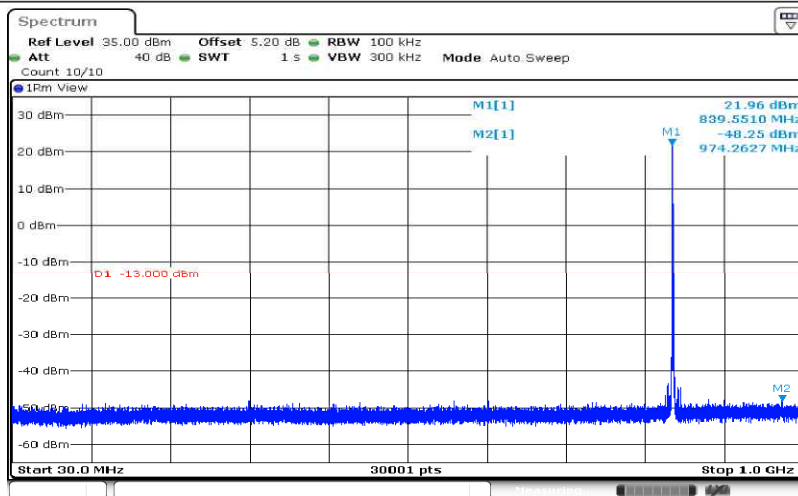
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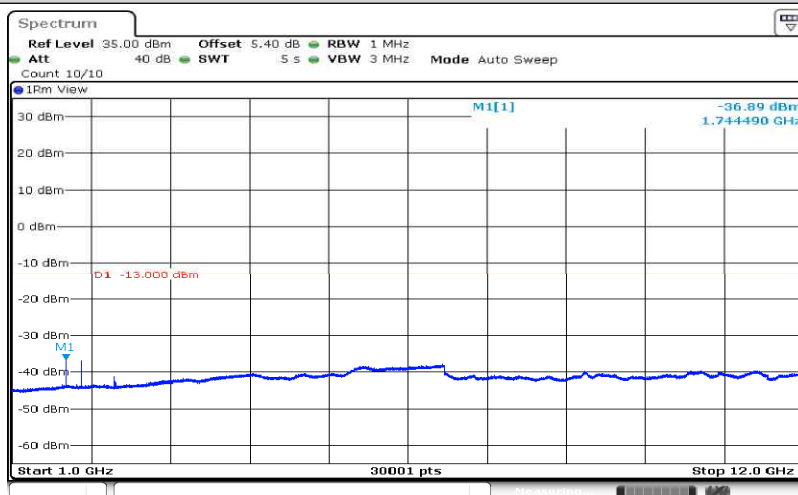


Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz



Date: 29.MAY.2020 12:30:58

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



Date: 29.MAY.2020 12:32:05



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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)	Polarization
65.793333	-72.73	-13.00	59.73	Vertical
191.560000	-79.92	-13.00	66.92	Vertical
599.783333	-76.66	-13.00	63.66	Vertical
1624.000000	-65.13	-13.00	52.13	Vertical
2584.000000	-58.00	-13.00	45.00	Vertical
3495.787500	-68.22	-13.00	55.22	Vertical
62.013333	-73.66	-13.00	60.66	Horizontal
191.466667	-67.88	-13.00	54.88	Horizontal
1685.500000	-64.17	-13.00	51.17	Horizontal
2445.000000	-58.78	-13.00	45.78	Horizontal
3461.175000	-67.80	-13.00	54.80	Horizontal
7760.925000	-62.79	-13.00	49.79	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
65.000000	-73.52	-13.00	60.52	Vertical
191.513333	-79.61	-13.00	66.61	Vertical
1683.500000	-64.34	-13.00	51.34	Vertical
2575.000000	-58.11	-13.00	45.11	Vertical
3362.212500	-68.09	-13.00	55.09	Vertical
5371.687500	-66.00	-13.00	53.00	Vertical
63.693333	-74.33	-13.00	61.33	Horizontal
191.420000	-68.20	-13.00	55.20	Horizontal
615.366667	-75.85	-13.00	62.85	Horizontal
1654.000000	-64.51	-13.00	51.51	Horizontal
2585.500000	-58.50	-13.00	45.50	Horizontal
3556.237500	-67.70	-13.00	54.70	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
65.186667	-72.70	-13.00	59.70	Vertical
191.466667	-79.37	-13.00	66.37	Vertical
609.087500	-76.66	-13.00	63.66	Vertical
1684.000000	-64.33	-13.00	51.33	Vertical
2583.000000	-58.09	-13.00	45.09	Vertical
3459.712500	-68.11	-13.00	55.11	Vertical
64.300000	-73.26	-13.00	60.26	Horizontal
191.513333	-68.13	-13.00	55.13	Horizontal
1655.500000	-64.75	-13.00	51.75	Horizontal
2536.500000	-59.27	-13.00	46.27	Horizontal
3492.862500	-67.82	-13.00	54.82	Horizontal
5975.700000	-64.97	-13.00	51.97	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)	Polarization
66.866667	-71.00	-13.00	58.00	Vertical
191.606667	-79.69	-13.00	66.69	Vertical
605.191667	-76.46	-13.00	63.46	Vertical
1655.500000	-64.59	-13.00	51.59	Vertical
2473.500000	-54.74	-13.00	41.74	Vertical
3476.775000	-67.87	-13.00	54.87	Vertical
62.433333	-72.92	-13.00	59.92	Horizontal
191.513333	-69.17	-13.00	56.17	Horizontal
619.400000	-75.79	-13.00	62.79	Horizontal
1705.000000	-63.96	-13.00	50.96	Horizontal
2473.500000	-56.37	-13.00	43.37	Horizontal
3534.787500	-67.62	-13.00	54.62	Horizontal



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7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
66.073333	-71.38	-13.00	58.38	Vertical
191.560000	-79.18	-13.00	66.18	Vertical
618.666667	-76.60	-13.00	63.60	Vertical
1682.000000	-64.29	-13.00	51.29	Vertical
2496.000000	-54.36	-13.00	41.36	Vertical
3453.375000	-67.84	-13.00	54.84	Vertical
63.460000	-73.59	-13.00	60.59	Horizontal
191.513333	-68.92	-13.00	55.92	Horizontal
622.333333	-75.59	-13.00	62.59	Horizontal
1655.500000	-64.63	-13.00	51.63	Horizontal
2496.500000	-56.13	-13.00	43.13	Horizontal
3382.687500	-68.24	-13.00	55.24	Horizontal

7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
66.866667	-70.84	-13.00	57.84	Vertical
191.513333	-78.56	-13.00	65.56	Vertical
612.525000	-76.13	-13.00	63.13	Vertical
1684.500000	-64.25	-13.00	51.25	Vertical
2518.500000	-56.01	-13.00	43.01	Vertical
3285.675000	-67.59	-13.00	54.59	Vertical
62.433333	-73.18	-13.00	60.18	Horizontal
191.560000	-69.00	-13.00	56.00	Horizontal
610.875000	-75.99	-13.00	62.99	Horizontal
1626.500000	-64.93	-13.00	51.93	Horizontal
2519.000000	-57.23	-13.00	44.23	Horizontal
3510.900000	-67.98	-13.00	54.98	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	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



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