



# Appendix B

## E-UTRA Band 5



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# 1 Effective (Isotropic) Radiated Power

## 1.1. Test Result

ANT1:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.38	17.63	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.52	17.77	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.39	17.64	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.43	17.68	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.50	17.75	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.47	17.72	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.52	16.77	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.42	17.67	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.57	17.82	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.46	17.71	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.46	17.71	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.60	17.85	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.50	17.75	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.61	16.86	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.49	17.74	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.53	17.78	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.44	17.69	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.48	17.73	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.52	17.77	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.47	17.72	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.62	16.87	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	21.94	16.19	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	21.62	15.87	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	21.88	16.13	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	21.67	15.92	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	21.95	16.2	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	21.48	15.73	38.45	PASS



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Band5	1.4MHz	64QAM	20407	6RB#0	20.60	14.85	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	21.81	16.06	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	21.92	16.17	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	21.78	16.03	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	21.64	15.89	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	21.76	16.01	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	21.83	16.08	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.87	15.12	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.67	15.92	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	21.45	15.7	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.51	15.76	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	21.53	15.78	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	21.49	15.74	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	21.71	15.96	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.65	14.9	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.03	17.28	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.15	17.4	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.62	16.87	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.63	16.88	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.84	17.09	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.50	16.75	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.66	15.91	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.70	16.95	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.12	17.37	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.01	17.26	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.54	16.79	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.56	16.81	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.69	16.94	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.61	15.86	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.10	17.35	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.82	17.07	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.73	16.98	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.64	16.89	38.45	PASS



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Band5	1.4MHz	16QAM	20643	3RB#1	22.60	16.85	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.55	16.8	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.73	15.98	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.49	17.74	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.53	17.78	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.57	17.82	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.59	16.84	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.61	16.86	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.63	16.88	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.59	16.84	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.65	17.9	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.53	17.78	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.49	17.74	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.66	16.91	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.74	16.99	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.68	16.93	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.69	16.94	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.58	17.83	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.57	17.82	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.44	17.69	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.65	16.9	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.69	16.94	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.65	16.9	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.62	16.87	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	21.77	16.02	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	21.63	15.88	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	21.51	15.76	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	20.89	15.14	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	20.63	14.88	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	20.48	14.73	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	20.86	15.11	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	21.77	16.02	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	21.92	16.17	38.45	PASS



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Band5	3MHz	64QAM	20525	1RB#8	21.95	16.2	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	20.56	14.81	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	20.93	15.18	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	20.47	14.72	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	20.55	14.8	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	21.46	15.71	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	21.78	16.03	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	21.88	16.13	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	20.54	14.79	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	20.83	15.08	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	20.68	14.93	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.53	14.78	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.79	17.04	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.74	16.99	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.73	16.98	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.59	15.84	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.63	15.88	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.66	15.91	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.69	15.94	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.72	16.97	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.86	17.11	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.77	17.02	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.70	15.95	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.78	16.03	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.71	15.96	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.67	15.92	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.09	17.34	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.82	17.07	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.76	17.01	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.74	15.99	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.77	16.02	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.71	15.96	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.56	15.81	38.45	PASS



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Band5	5MHz	QPSK	20425	1RB#24	23.58	17.83	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.48	17.73	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.46	17.71	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.58	16.83	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.62	16.87	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.60	16.85	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.65	16.9	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.52	17.77	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.56	17.81	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.46	17.71	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.68	16.93	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.73	16.98	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.69	16.94	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.74	16.99	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.59	17.84	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.53	17.78	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.64	17.89	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.66	16.91	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.65	16.9	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.67	16.92	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.69	16.94	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	21.49	15.74	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	21.80	16.05	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	21.58	15.83	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	20.82	15.07	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	20.51	14.76	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	20.69	14.94	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	20.58	14.83	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	21.90	16.15	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	21.82	16.07	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	21.53	15.78	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	20.66	14.91	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	20.81	15.06	38.45	PASS



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Band5	5MHz	64QAM	20525	12RB#6	20.90	15.15	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.90	15.15	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	21.90	16.15	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	21.73	15.98	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	21.91	16.16	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	20.80	15.05	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	20.58	14.83	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	20.91	15.16	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.72	14.97	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.80	17.05	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.53	16.78	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.75	17	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.69	15.94	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.64	15.89	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.61	15.86	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.69	15.94	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.82	17.07	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.88	17.13	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.95	17.2	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.69	15.94	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.73	15.98	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.78	16.03	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.72	15.97	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.18	17.43	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.00	17.25	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.93	17.18	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.73	15.98	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.70	15.95	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.78	16.03	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.73	15.98	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.91	18.16	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.92	18.17	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.85	18.1	38.45	PASS



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Band5	10MHz	QPSK	20450	25RB#12	22.82	17.07	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.89	17.14	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.90	17.15	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.90	17.15	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.66	17.91	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.88	18.13	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.74	17.99	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.89	17.14	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.85	17.1	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.91	17.16	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.88	17.13	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.91	18.16	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.93	18.18	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.81	18.06	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.81	17.06	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.97	17.22	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.98	17.23	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.93	17.18	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	21.57	15.82	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	21.70	15.95	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.81	16.06	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	20.73	14.98	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	20.53	14.78	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	20.90	15.15	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	20.84	15.09	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	21.95	16.2	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	21.70	15.95	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.52	15.77	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	20.60	14.85	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	20.50	14.75	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	20.72	14.97	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.87	15.12	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	21.93	16.18	38.45	PASS



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Band5	10MHz	64QAM	20600	1RB#0	21.52	15.77	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	21.87	16.12	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	20.53	14.78	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	20.49	14.74	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	20.47	14.72	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.62	14.87	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.90	17.15	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.81	17.06	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.95	17.2	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.77	16.02	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.94	16.19	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.94	16.19	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.93	16.18	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.01	17.26	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.94	17.19	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.01	17.26	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.89	16.14	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.98	16.23	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.81	16.06	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.88	16.13	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.13	17.38	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.92	17.17	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.09	17.34	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.97	16.22	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.02	16.27	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.02	16.27	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.96	16.21	38.45	PASS

**ANT4:**

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.30	12.28	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.28	12.26	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.33	12.31	38.45	PASS



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Band5	1.4MHz	QPSK	20407	3RB#1	23.24	12.22	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.42	12.4	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.36	12.34	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.38	11.36	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.39	12.37	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.44	12.42	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.33	12.31	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.36	12.34	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.53	12.51	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.41	12.39	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.53	11.51	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.37	12.35	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.45	12.43	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.41	12.39	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.46	12.44	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.52	12.5	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.44	12.42	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.53	11.51	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	22.78	11.76	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	22.94	11.92	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	22.85	11.83	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	22.35	11.33	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	22.47	11.45	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	22.33	11.31	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	21.49	10.47	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	22.97	11.95	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	23.14	12.12	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	22.97	11.95	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	22.41	11.39	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	22.63	11.61	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	22.56	11.54	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	21.50	10.48	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	23.05	12.03	38.45	PASS



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Band5	1.4MHz	64QAM	20643	1RB#2	23.14	12.12	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	23.02	12	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	22.48	11.46	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	22.44	11.42	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	22.39	11.37	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	21.58	10.56	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	21.30	10.28	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	21.33	10.31	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	21.49	10.47	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.69	10.67	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.54	10.52	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.56	10.54	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.30	9.28	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.61	10.59	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.55	10.53	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	21.54	10.52	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	21.73	10.71	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.73	10.71	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.75	10.73	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.48	9.46	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.47	10.45	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.71	10.69	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.48	10.46	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.71	10.69	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.28	10.26	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.59	10.57	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.52	9.5	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.43	12.41	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.47	12.45	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.39	12.37	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.48	11.46	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.50	11.48	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.44	11.42	38.45	PASS



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Band5	3MHz	QPSK	20415	15RB#0	22.47	11.45	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.47	12.45	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.46	12.44	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.40	12.38	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.53	11.51	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.62	11.6	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.56	11.54	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.59	11.57	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.46	12.44	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.46	12.44	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.44	12.42	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.54	11.52	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.64	11.62	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.57	11.55	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.51	11.49	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	21.32	10.3	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	21.28	10.26	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	21.59	10.57	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	20.35	9.33	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	20.70	9.68	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	20.40	9.38	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	20.54	9.52	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	21.28	10.26	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	21.57	10.55	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	21.39	10.37	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	20.62	9.6	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	20.33	9.31	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	20.67	9.65	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	20.71	9.69	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	21.58	10.56	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	21.65	10.63	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	21.60	10.58	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	20.42	9.4	38.45	PASS



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Band5	3MHz	64QAM	20635	8RB#0	20.53	9.51	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	20.69	9.67	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.57	9.55	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.97	11.95	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.92	11.9	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.63	11.61	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.50	10.48	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.55	10.53	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.48	10.46	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.52	10.5	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.99	11.97	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.49	11.47	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.67	11.65	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.57	10.55	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.55	10.53	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.55	10.53	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.68	10.66	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.05	12.03	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.16	12.14	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.16	12.14	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.68	10.66	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.62	10.6	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.68	10.66	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.63	10.61	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.41	12.39	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.46	12.44	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.45	12.43	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.53	11.51	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.53	11.51	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.49	11.47	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.49	11.47	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.49	12.47	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.55	12.53	38.45	PASS



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Band5	5MHz	QPSK	20525	1RB#24	23.55	12.53	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.59	11.57	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.66	11.64	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.54	11.52	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.57	11.55	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.56	12.54	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.45	12.43	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.55	12.53	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.61	11.59	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.64	11.62	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.68	11.66	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.60	11.58	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	21.63	10.61	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	21.43	10.41	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	21.32	10.3	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	20.28	9.26	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	20.45	9.43	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	20.29	9.27	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	20.73	9.71	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	21.34	10.32	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	21.65	10.63	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	21.45	10.43	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	20.26	9.24	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	20.60	9.58	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	20.51	9.49	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.60	9.58	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	21.66	10.64	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	21.73	10.71	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	21.65	10.63	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	20.55	9.53	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	20.39	9.37	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	20.63	9.61	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.40	9.38	38.45	PASS



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Band5	5MHz	16QAM	20425	1RB#12	22.96	11.94	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.01	11.99	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.66	11.64	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.49	10.47	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.55	10.53	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.48	10.46	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.50	10.48	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.52	11.5	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.20	12.18	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.09	12.07	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.62	10.6	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.68	10.66	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.64	10.62	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.69	10.67	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.16	12.14	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.79	11.77	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.17	12.15	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.64	10.62	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.65	10.63	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.59	10.57	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.63	10.61	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.68	12.66	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.39	12.37	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.29	12.27	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.57	11.55	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.66	11.64	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.57	11.55	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.69	11.67	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.45	12.43	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.60	12.58	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.63	12.61	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.56	11.54	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.60	11.58	38.45	PASS



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Band5	10MHz	QPSK	20525	25RB#25	22.65	11.63	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.51	11.49	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.74	12.72	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.85	12.83	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.72	12.7	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.51	11.49	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.86	11.84	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.63	11.61	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.71	11.69	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	21.36	10.34	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	21.39	10.37	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.42	10.4	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	20.39	9.37	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	20.29	9.27	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	20.47	9.45	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	20.37	9.35	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	21.25	10.23	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	21.29	10.27	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.26	10.24	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	20.32	9.3	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	20.57	9.55	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	20.63	9.61	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.33	9.31	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	21.59	10.57	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	21.39	10.37	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	21.65	10.63	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	20.72	9.7	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	20.60	9.58	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	20.38	9.36	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.33	9.31	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.50	11.48	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.59	11.57	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.49	11.47	38.45	PASS



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Band5	10MHz	16QAM	20450	25RB#0	21.63	10.61	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.73	10.71	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.68	10.66	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.65	10.63	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.05	12.03	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.96	11.94	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.14	12.12	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.72	10.7	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.73	10.71	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.57	10.55	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.48	10.46	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.73	11.71	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.88	11.86	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.04	12.02	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.64	10.62	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.68	10.66	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.73	10.71	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.59	10.57	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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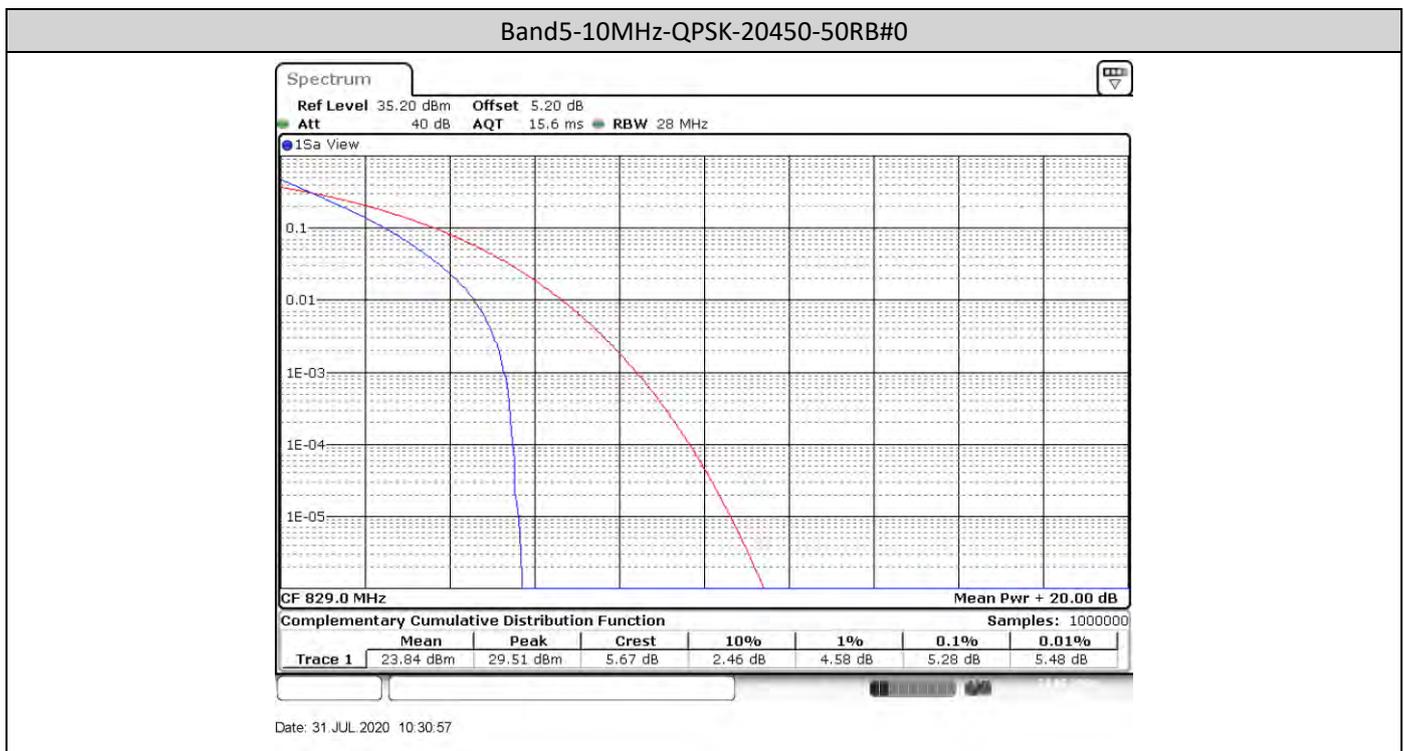


## 2. Peak-to-Average Ratio (CCDF)

### 2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	5.28	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.30	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.16	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	6.72	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.41	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	6.67	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.20	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.14	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.97	13	PASS

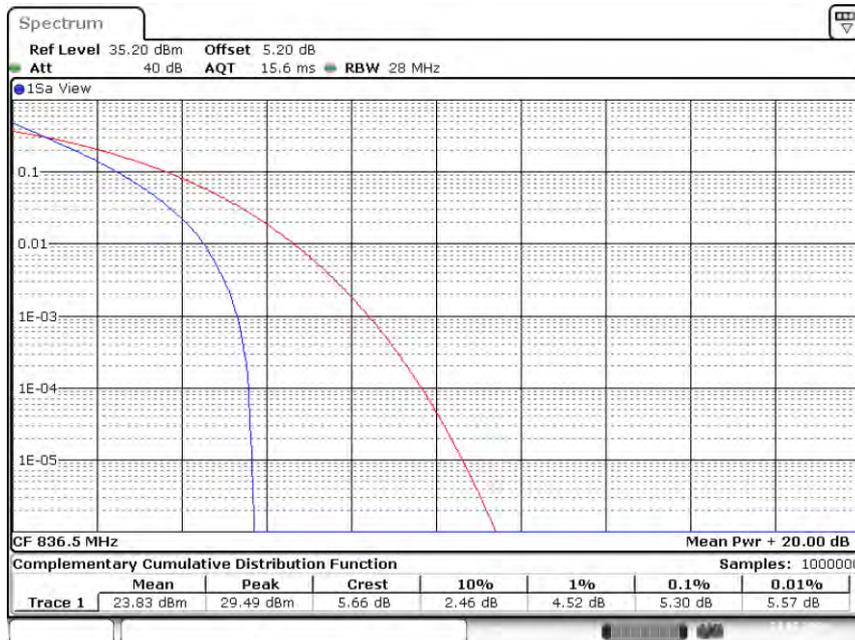
### 2.2. Test Plots



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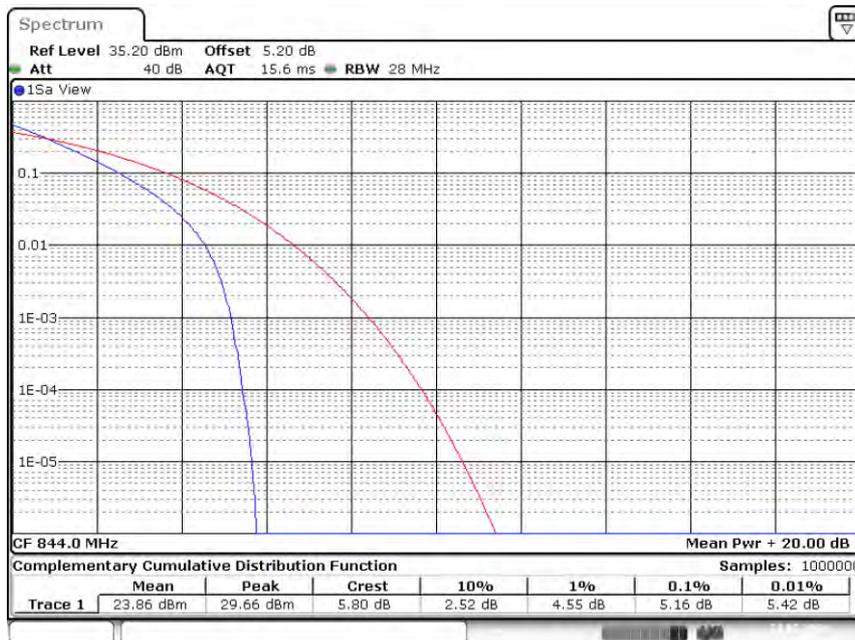
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**Band5-10MHz-QPSK-20525-50RB#0**



Date: 31 JUL 2020 10:31:19

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



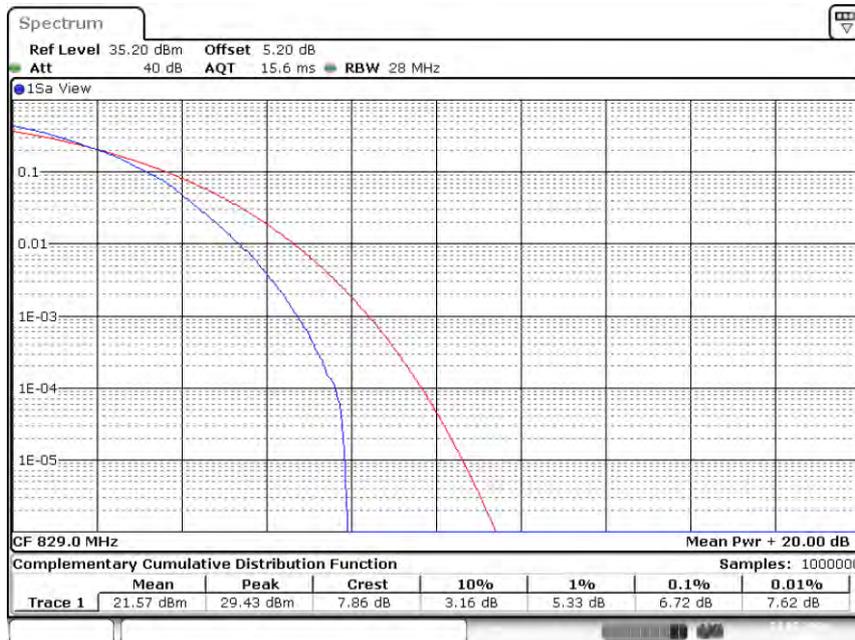
Date: 31 JUL 2020 10:31:41



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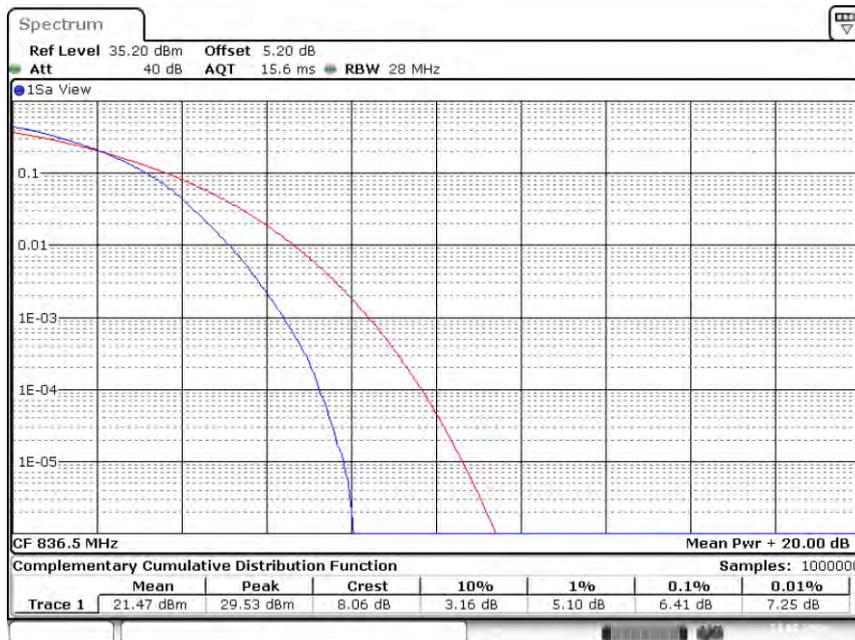
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**Band5-10MHz-64QAM-20450-50RB#0**



Date: 31 JUL 2020 14:39:23

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

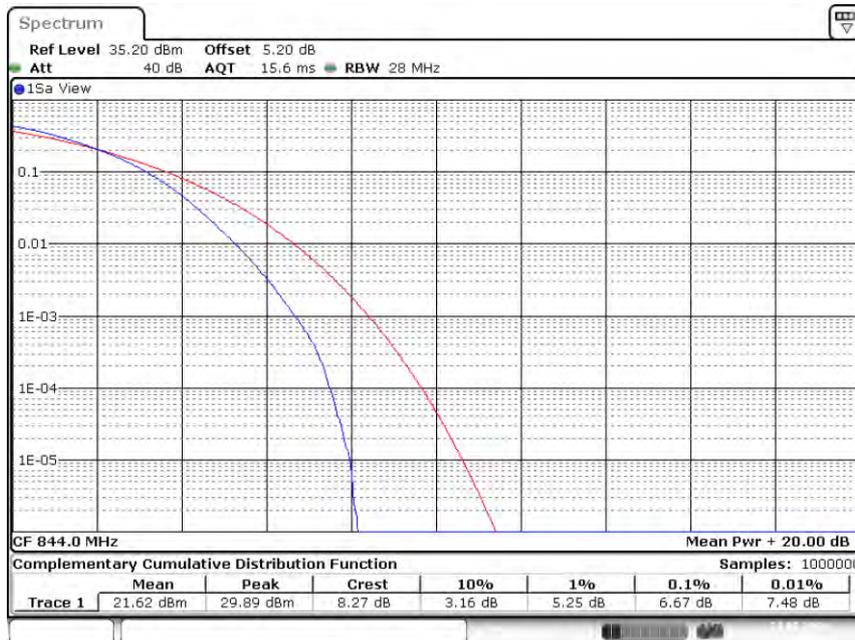


Date: 31 JUL 2020 14:39:34



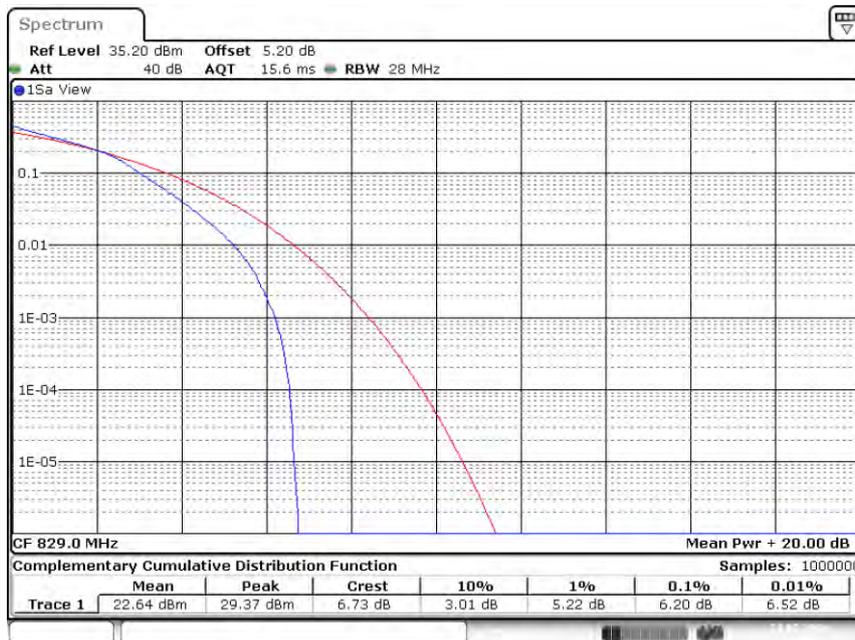
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**Band5-10MHz-64QAM-20600-50RB#0**



Date: 31 JUL 2020 14:39:45

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

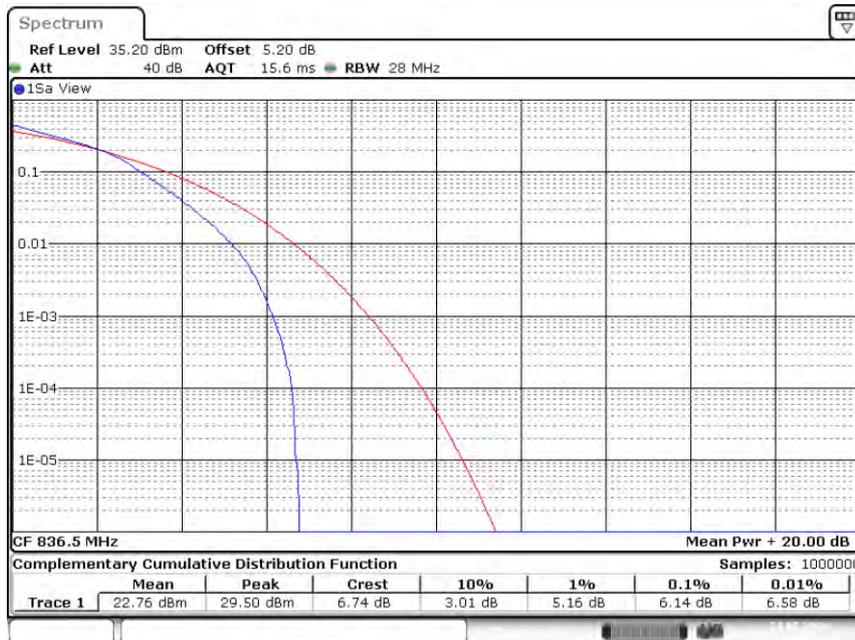


Date: 31 JUL 2020 10:31:08



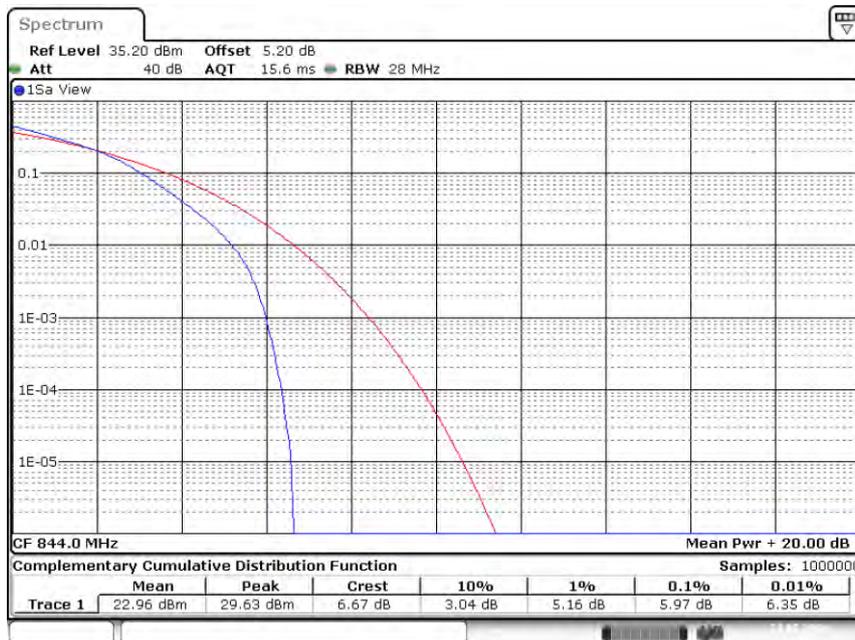
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**Band5-10MHz-16QAM-20525-50RB#0**



Date: 31 JUL 2020 10:31:30

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



Date: 31 JUL 2020 10:31:52



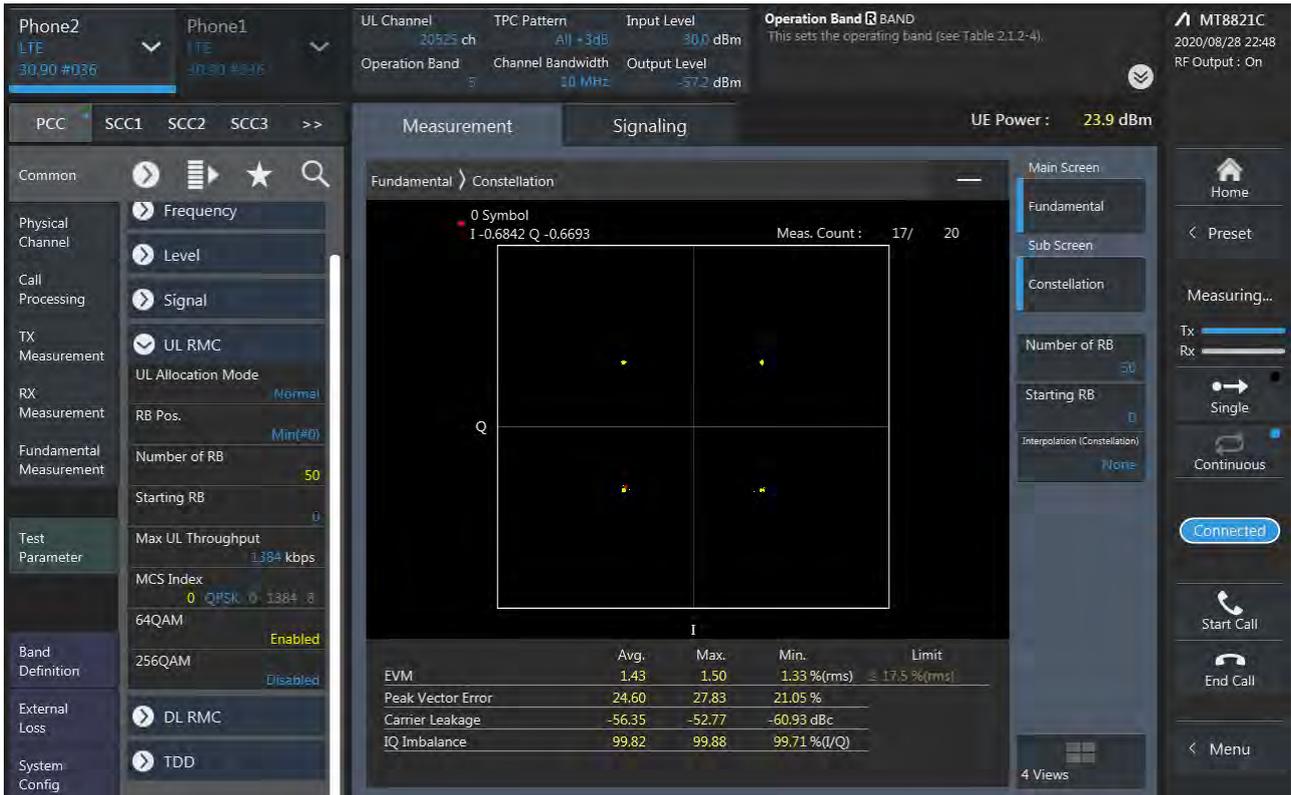
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### 3. Modulation Characteristics

#### 3.1. Test Mode = LTE /TM1 10MHz

##### 3.1.1. Test Channel = MCH

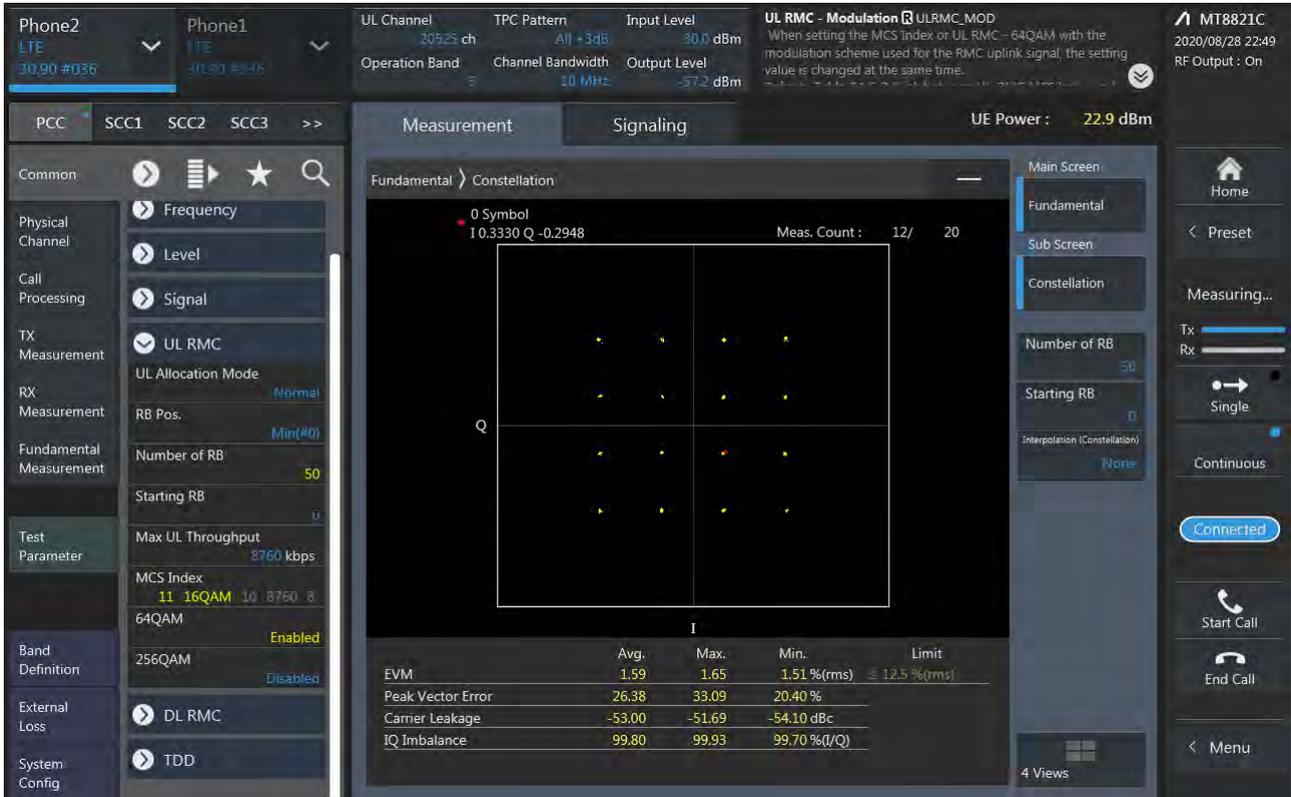


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### 3.2. Test Mode = LTE /TM2 10MHz

#### 3.2.1. Test Channel = MCH



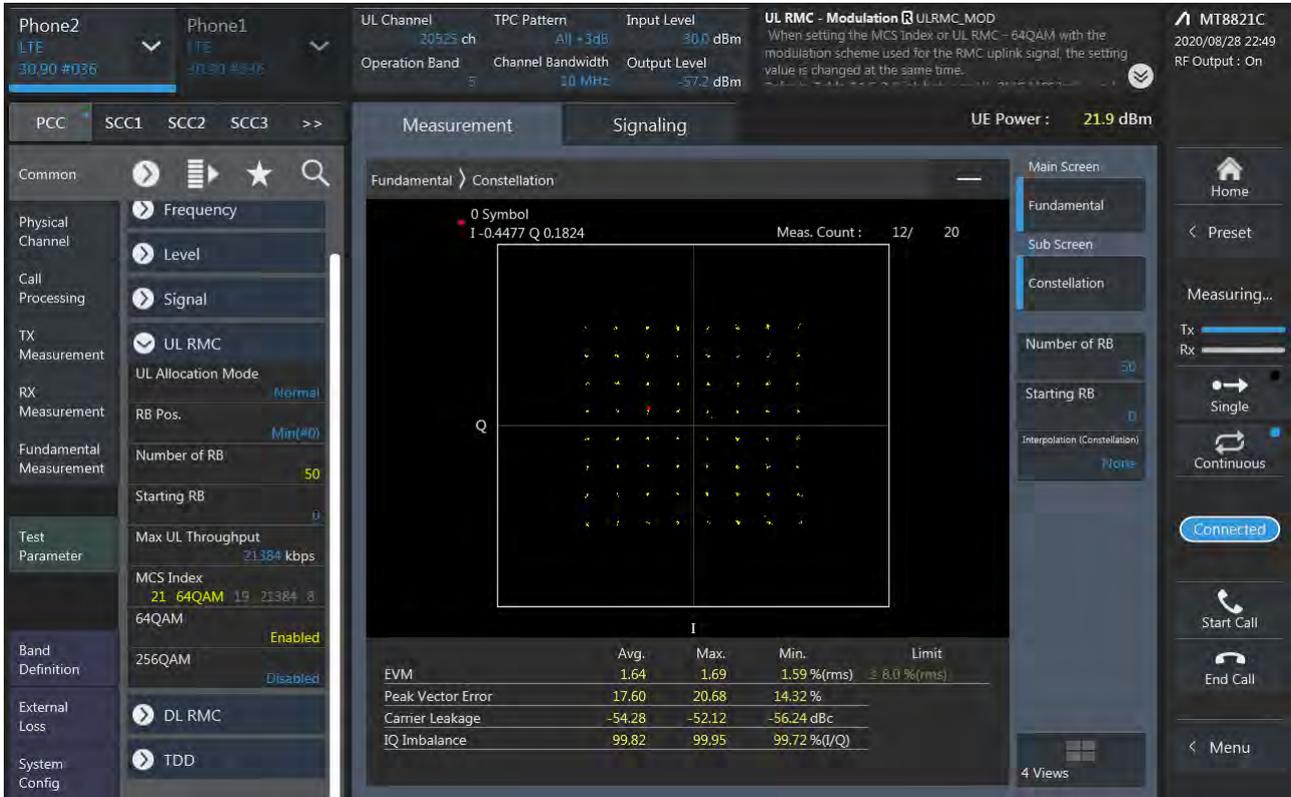
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### 3.3. Test Mode = LTE /TM3 10MHz

#### 3.3.1. Test Channel = MCH



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## 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	1.236	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.088	1.236	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.088	1.239	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.094	1.242	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.094	1.239	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.094	1.239	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.085	1.236	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.088	1.233	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.088	1.239	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.697	3.012	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.697	3.024	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.697	3.162	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.691	2.994	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.697	2.994	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.685	2.862	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.685	2.982	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.685	2.976	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.685	2.976	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.476	4.910	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.476	4.900	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.466	4.890	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.476	4.900	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.476	4.900	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.476	4.900	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.476	4.930	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.496	4.910	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.486	4.950	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.931	9.700	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.911	9.680	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.951	9.680	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.951	9.640	PASS

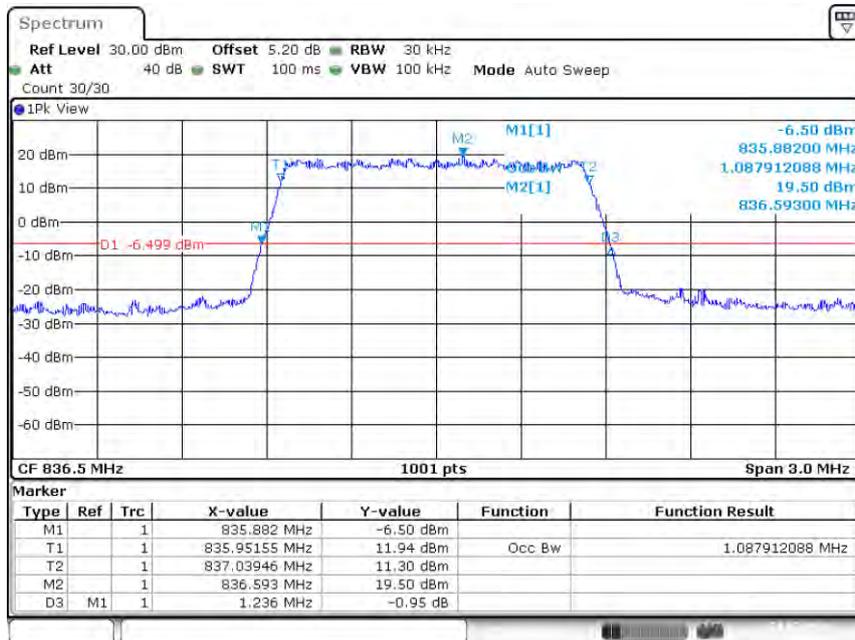


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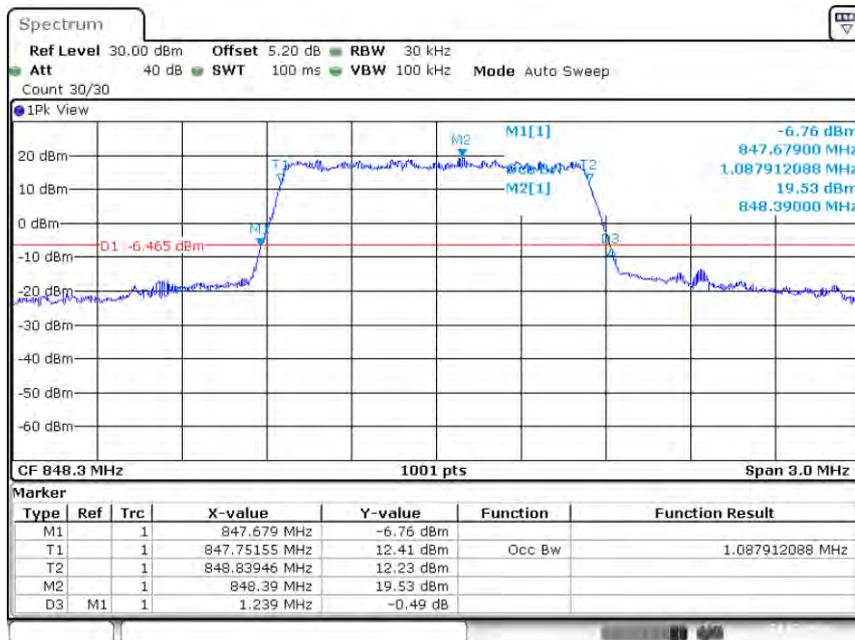


**Band5-1.4MHz-QPSK-20525-6RB#0-1.088**



Date: 31 JUL 2020 10:00:08

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

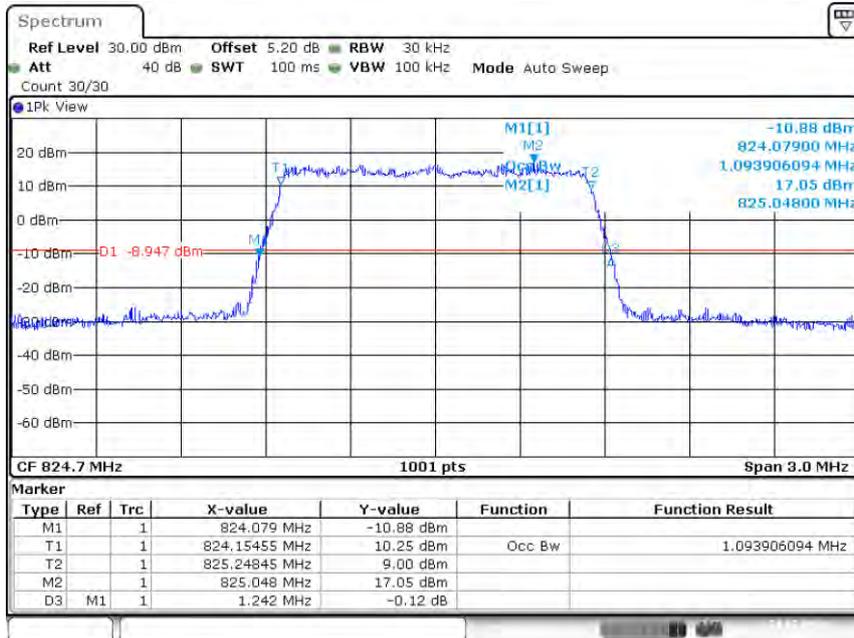


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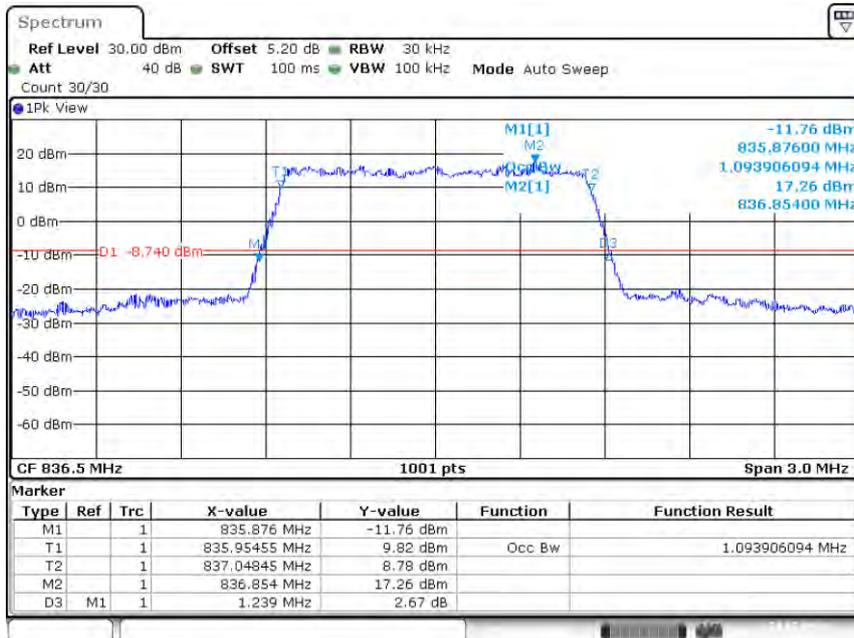
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**Band5-1.4MHz-64QAM-20407-6RB#0-1.094**



Date: 31 JUL 2020 14:22:53

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

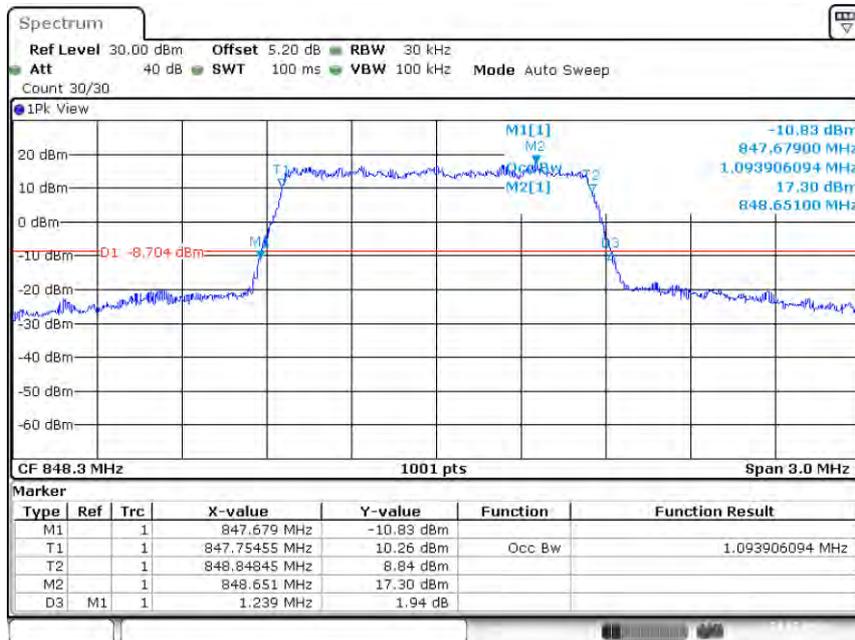


Date: 31 JUL 2020 14:23:06



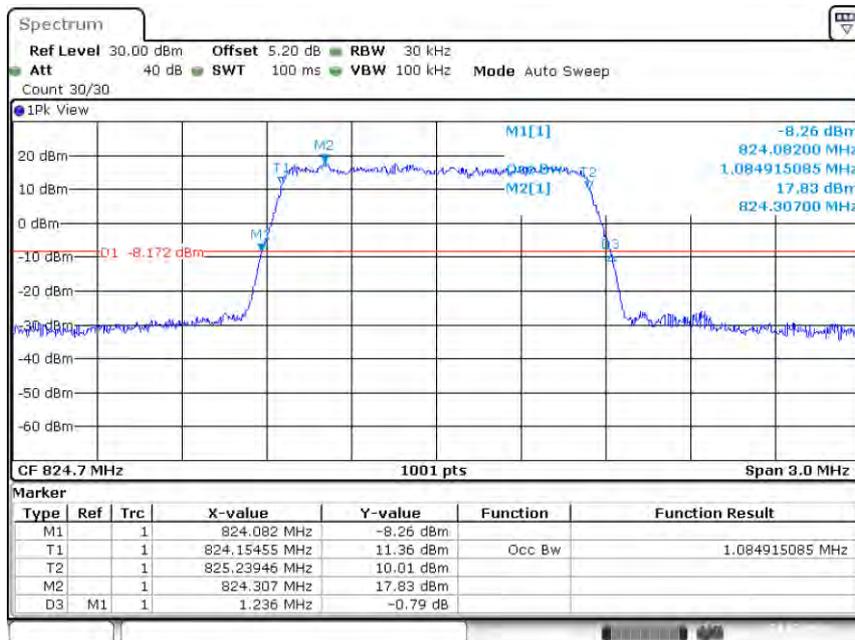
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**Band5-1.4MHz-64QAM-20643-6RB#0-1.094**



Date: 31 JUL 2020 14:23:18

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

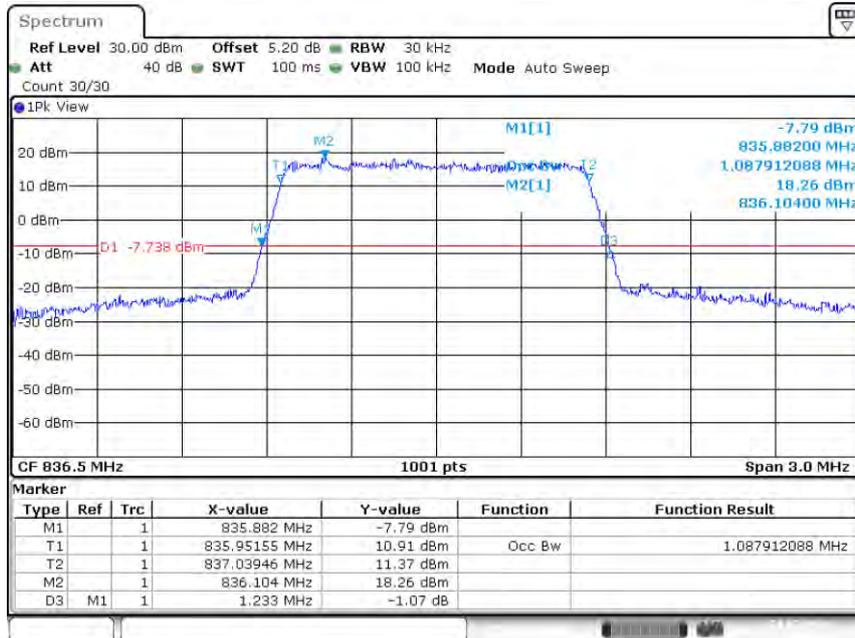


Date: 31 JUL 2020 09:59:55



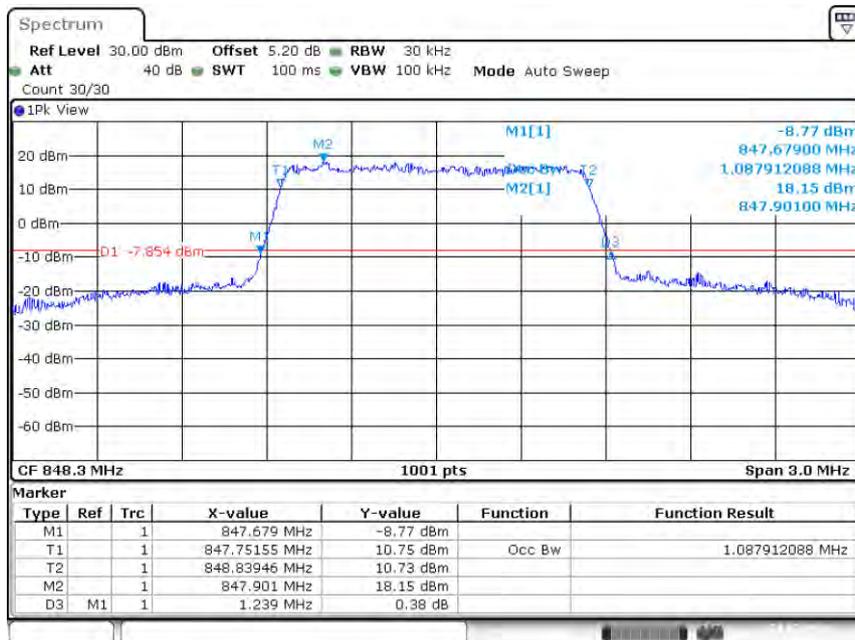
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**Band5-1.4MHz-16QAM-20525-6RB#0-1.088**



Date: 31 JUL 2020 10:00:20

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

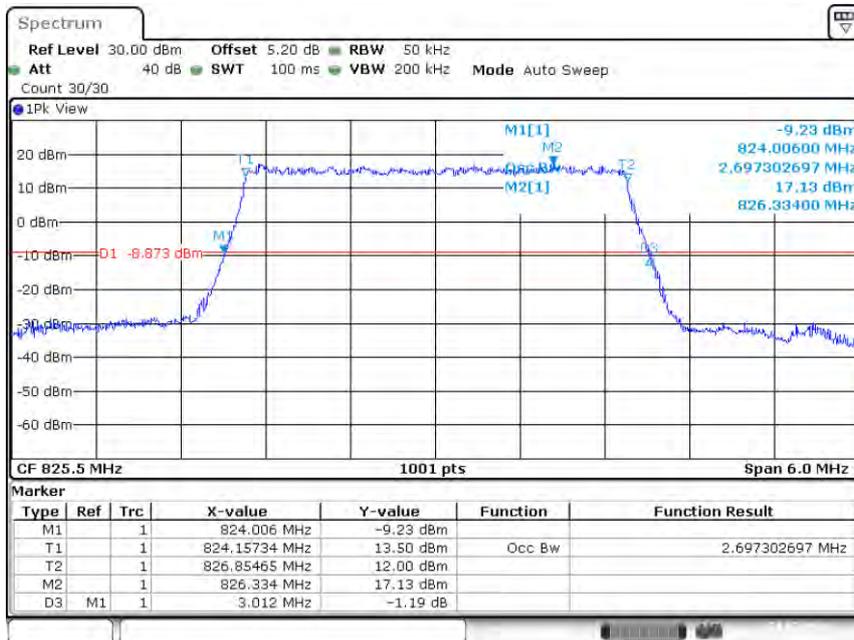


Date: 31 JUL 2020 10:00:46



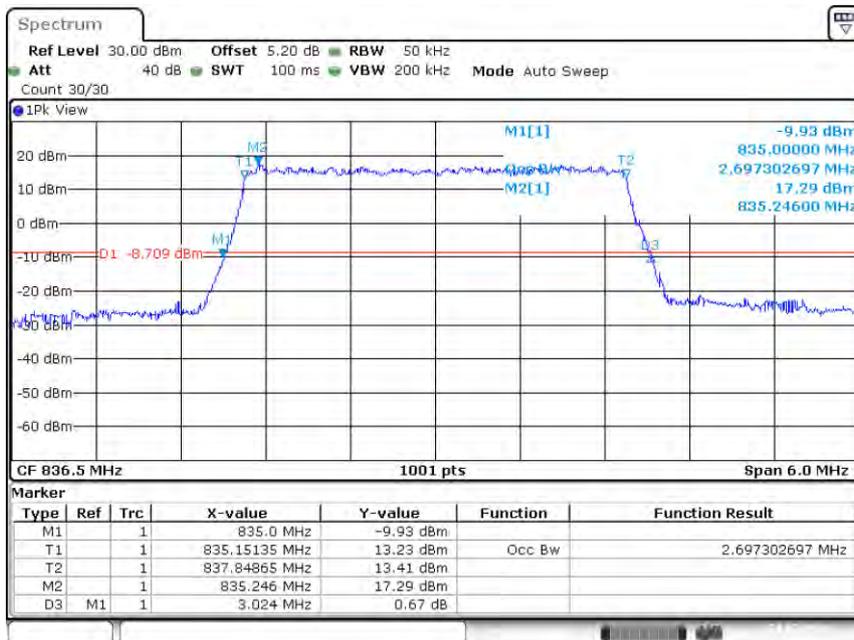
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**Band5-3MHz-QPSK-20415-15RB#0-2.697**



Date: 31 JUL 2020 10:01:03

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

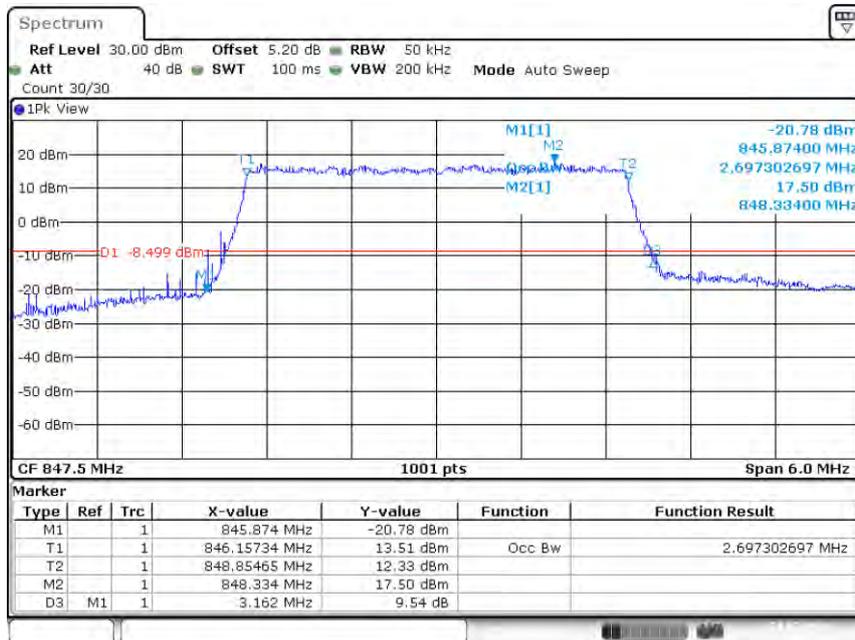


Date: 31 JUL 2020 10:01:29



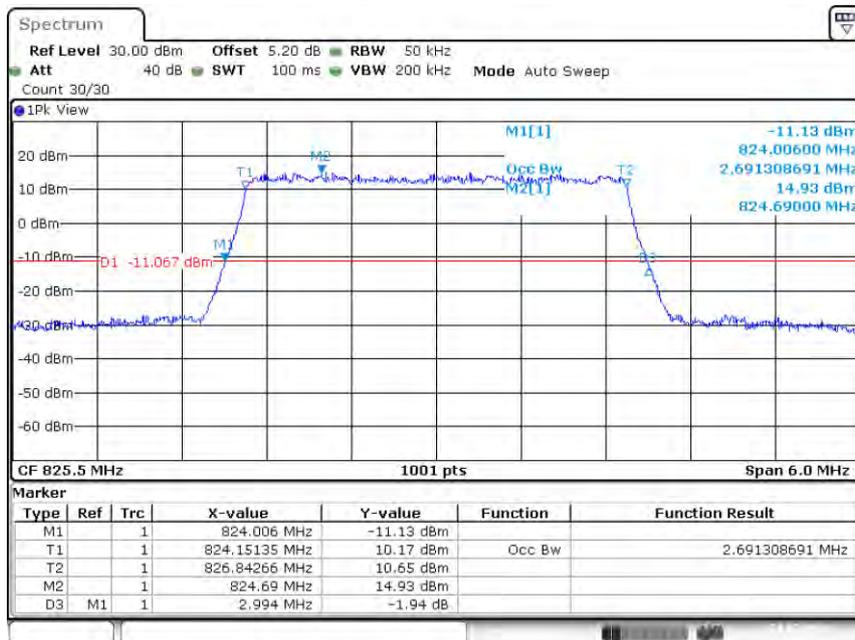
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**Band5-3MHz-QPSK-20635-15RB#0-2.697**



Date: 31 JUL 2020 10:01:55

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

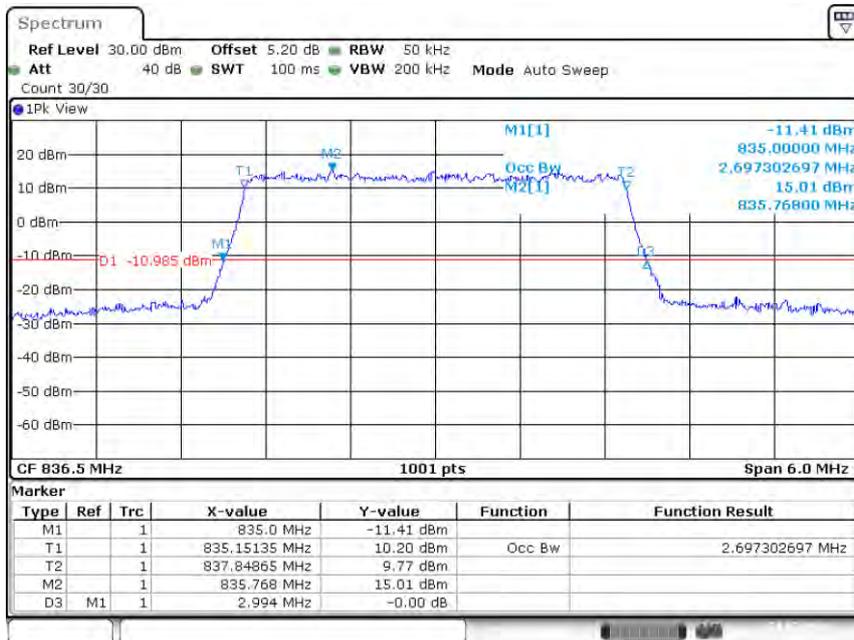


Date: 31 JUL 2020 14:23:36



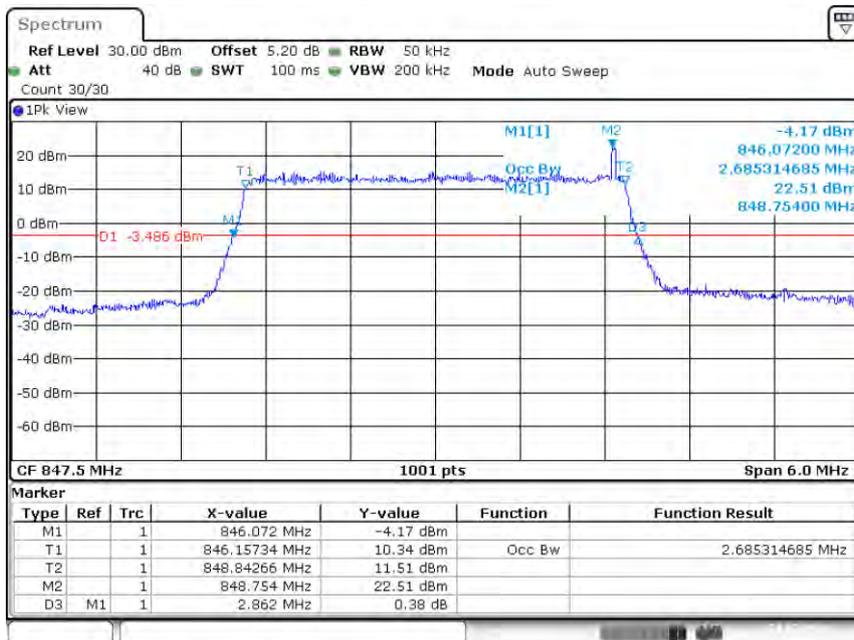
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**Band5-3MHz-64QAM-20525-15RB#0-2.697**



Date: 31 JUL 2020 14:23:49

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

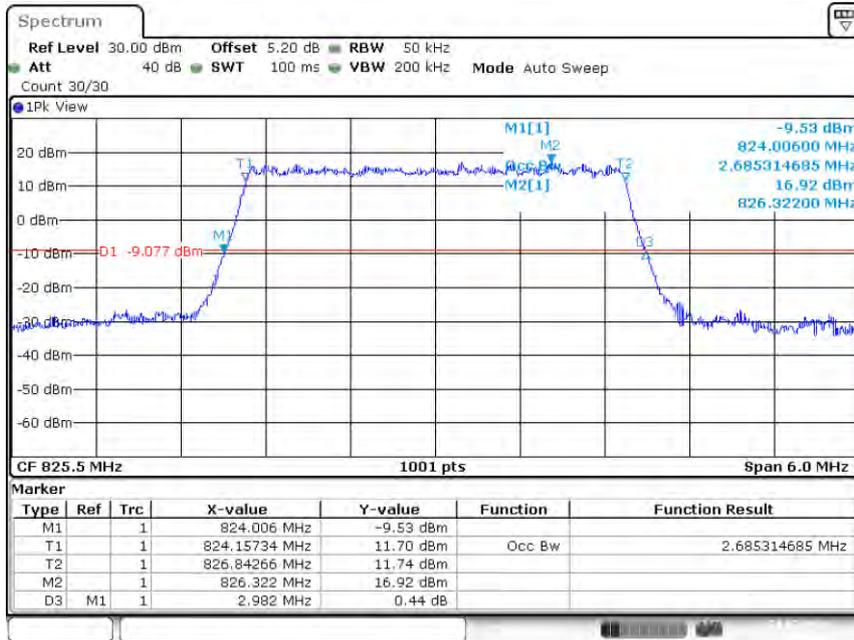


Date: 31 JUL 2020 14:24:02



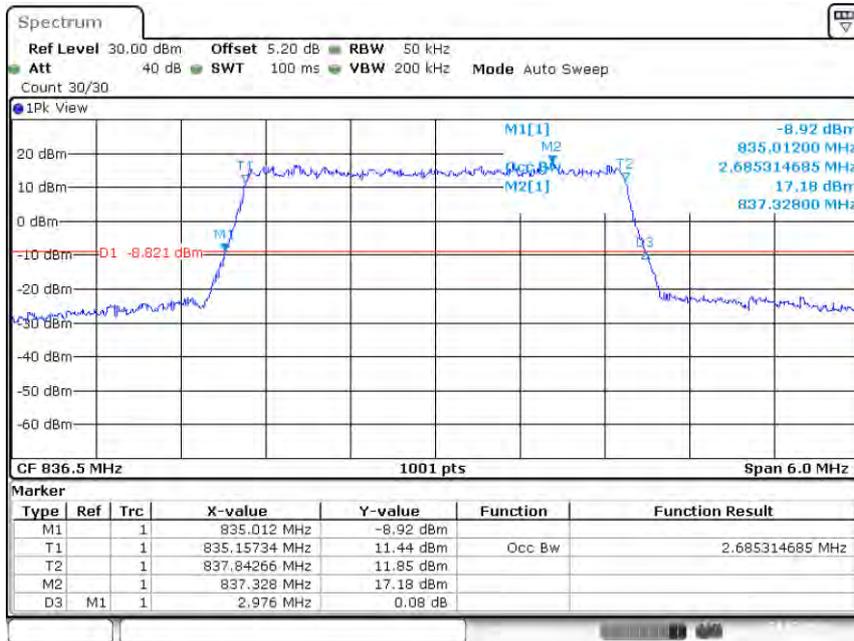
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**Band5-3MHz-16QAM-20415-15RB#0-2.685**



Date: 31 JUL 2020 10:01:16

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

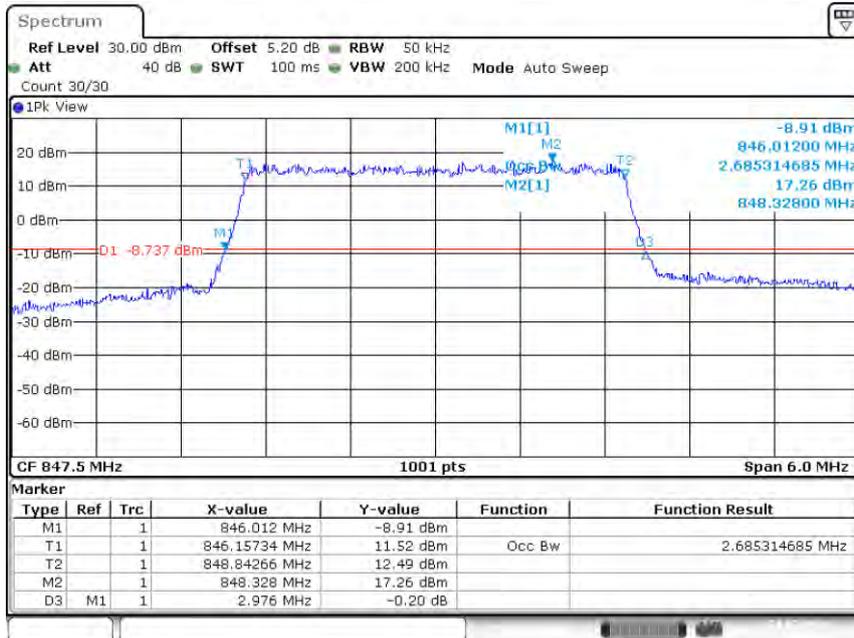


Date: 31 JUL 2020 10:01:42



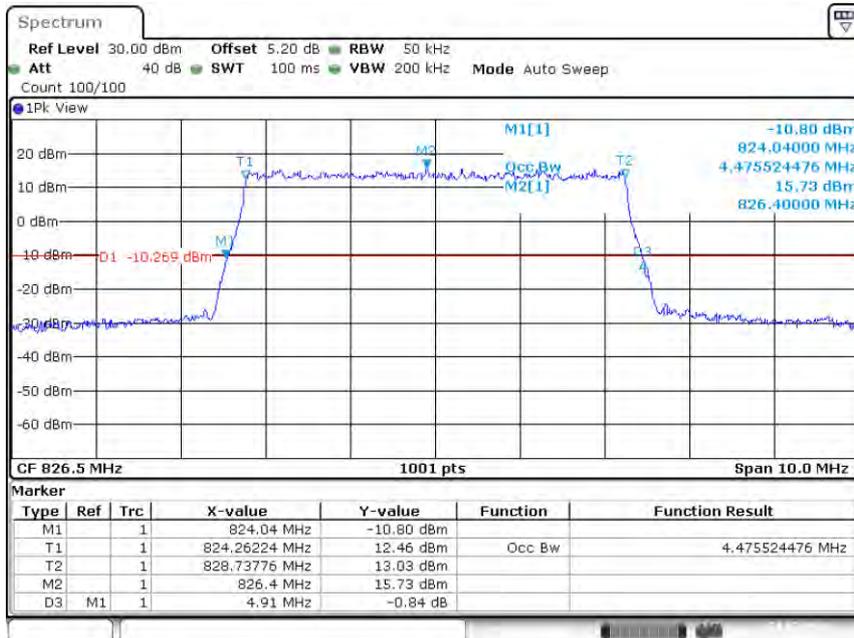
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**Band5-3MHz-16QAM-20635-15RB#0-2.685**



Date: 31 JUL 2020 10:02:07

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

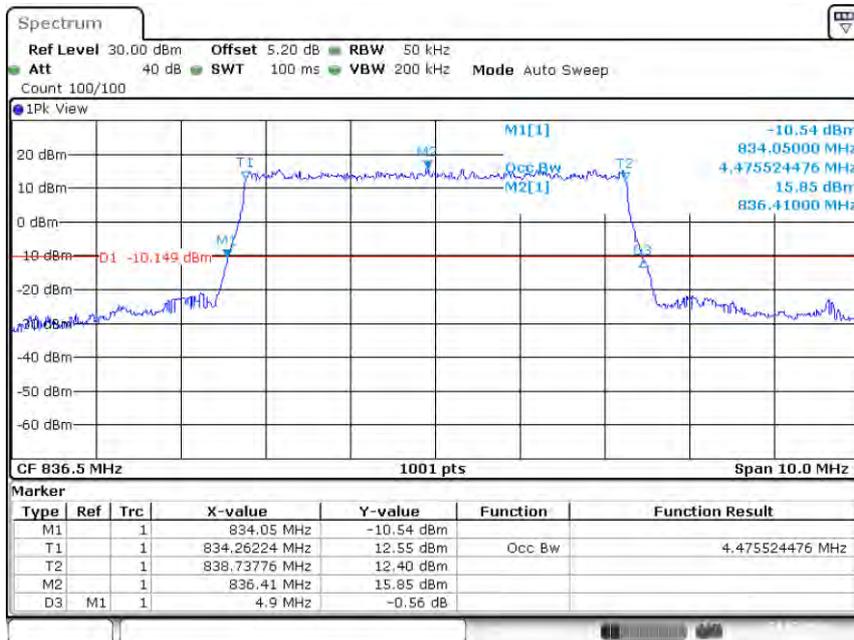


Date: 31 JUL 2020 10:02:32



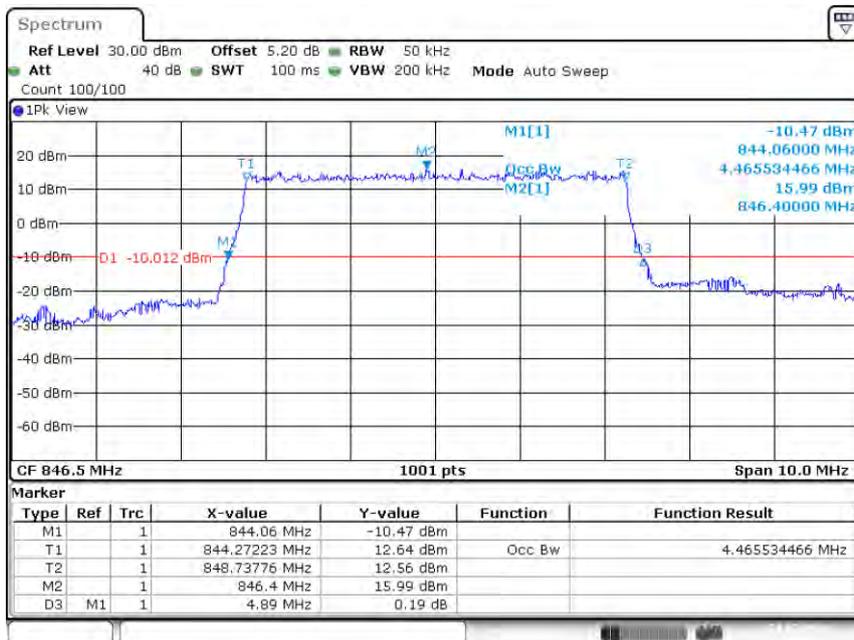
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**Band5-5MHz-QPSK-20525-25RB#0-4.476**



Date: 31 JUL 2020 10:03:11

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

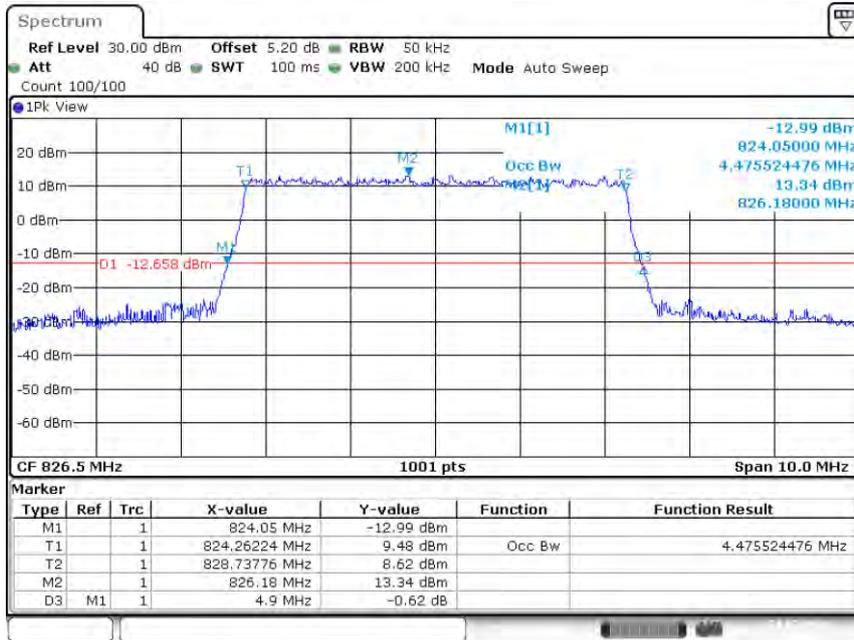


Date: 31 JUL 2020 10:03:51



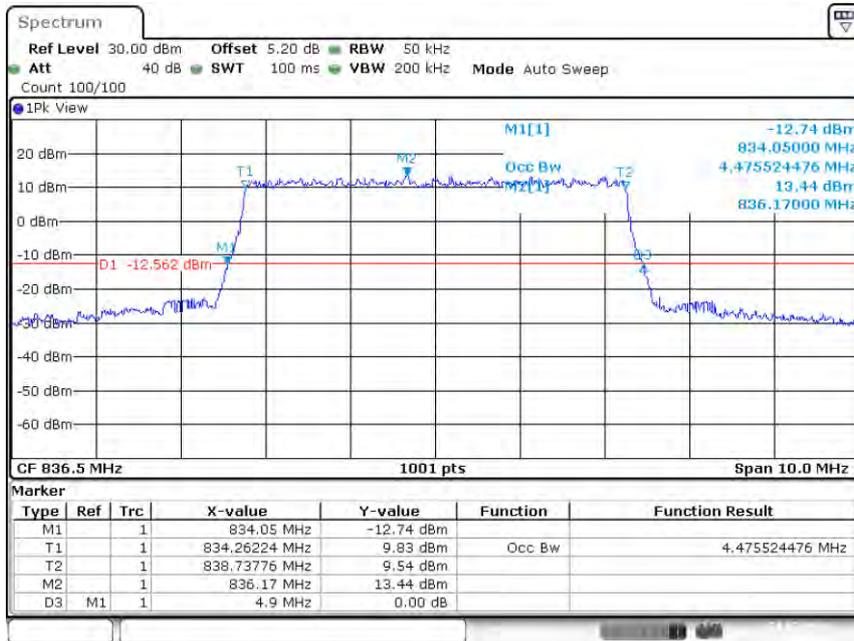
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**Band5-5MHz-64QAM-20425-25RB#0-4.476**



Date: 31 JUL 2020 14:24:27

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



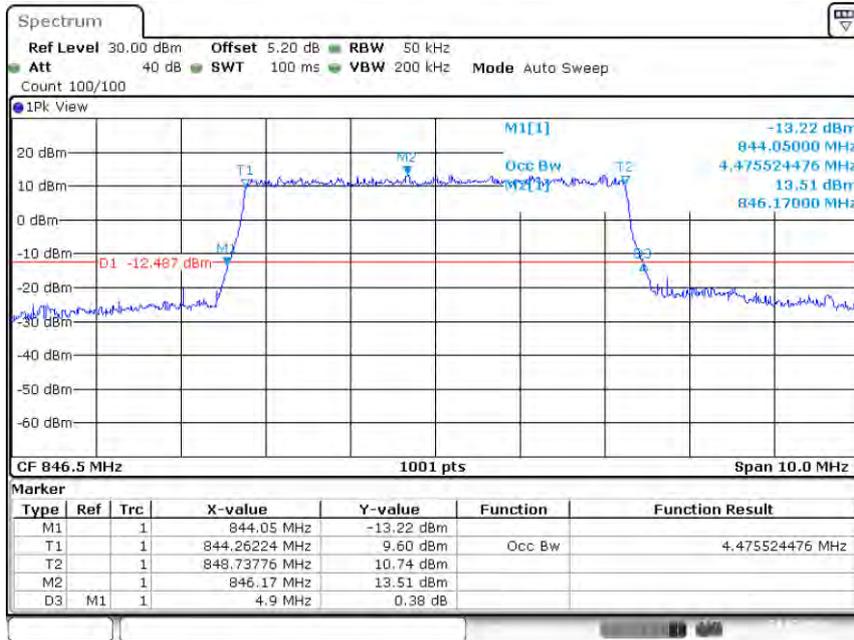
Date: 31 JUL 2020 14:24:47



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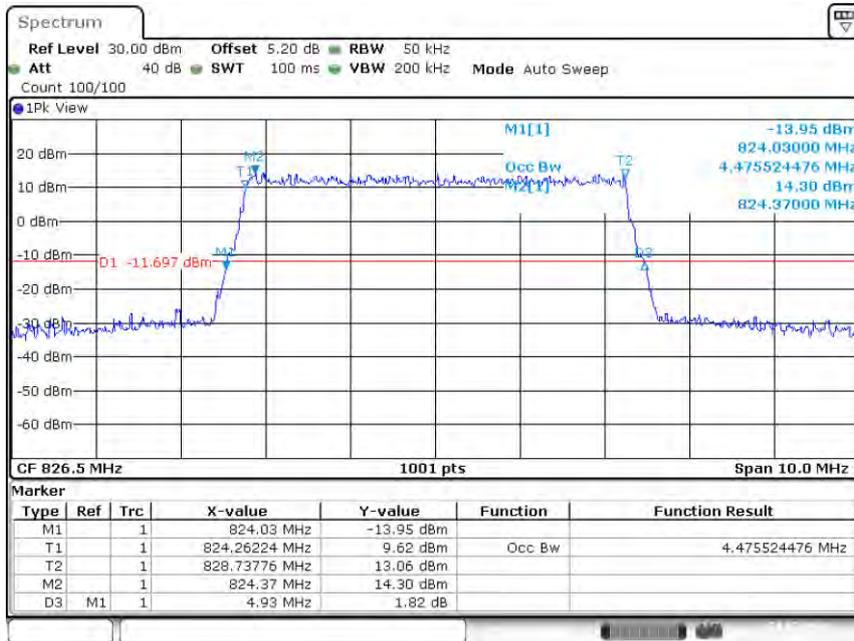


Band5-5MHz-64QAM-20625-25RB#0-4.476



Date: 31 JUL 2020 14:25:07

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

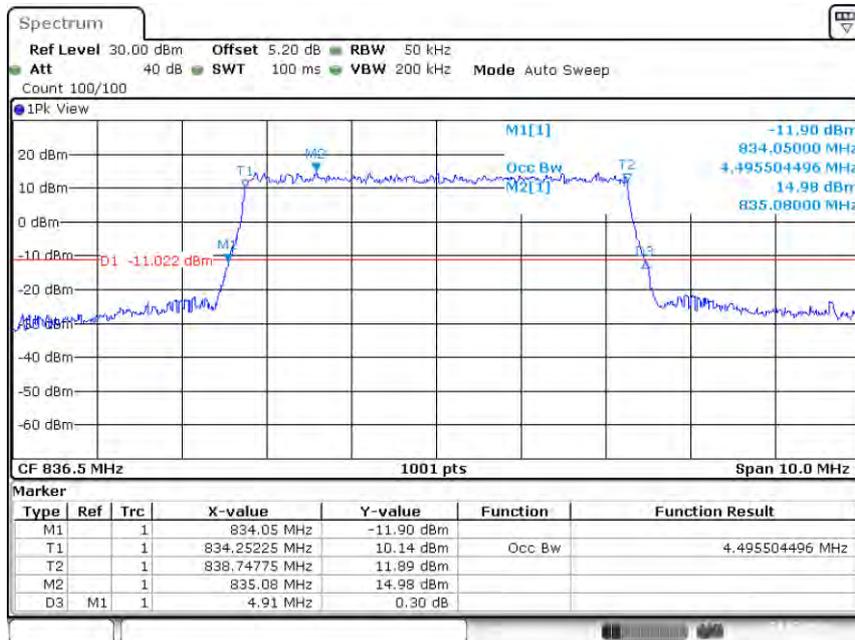


Date: 31 JUL 2020 10:02:51



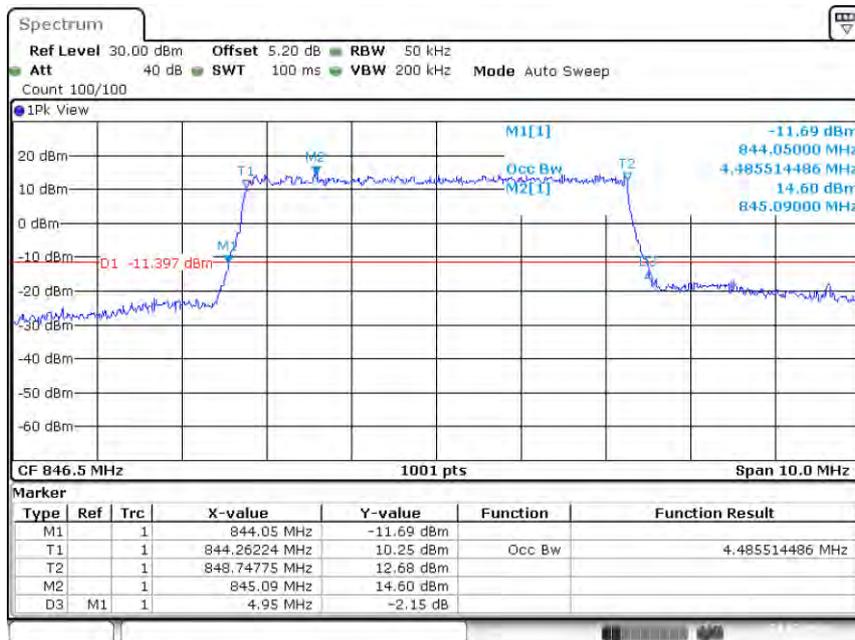
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**Band5-5MHz-16QAM-20525-25RB#0-4.496**



Date: 31 JUL 2020 10:03:31

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

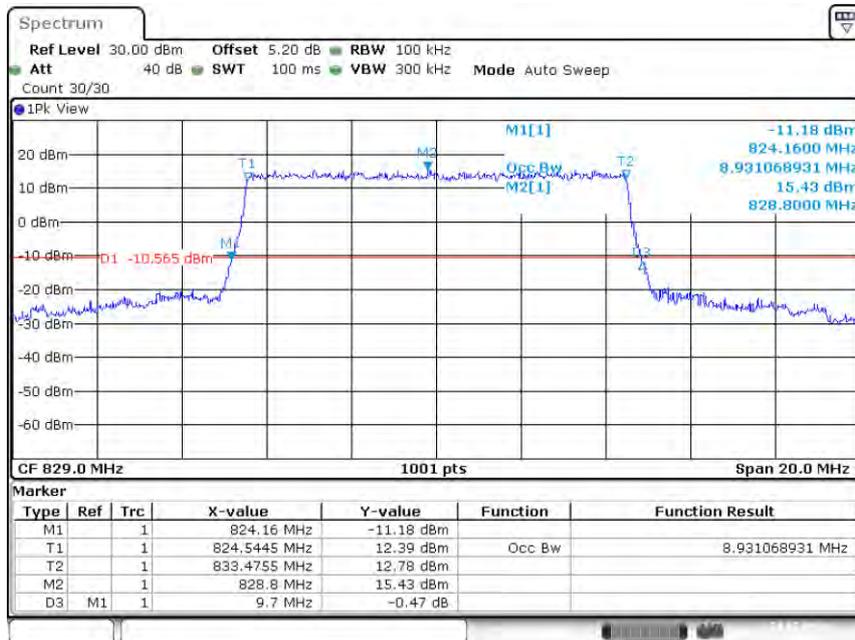


Date: 31 JUL 2020 10:04:10



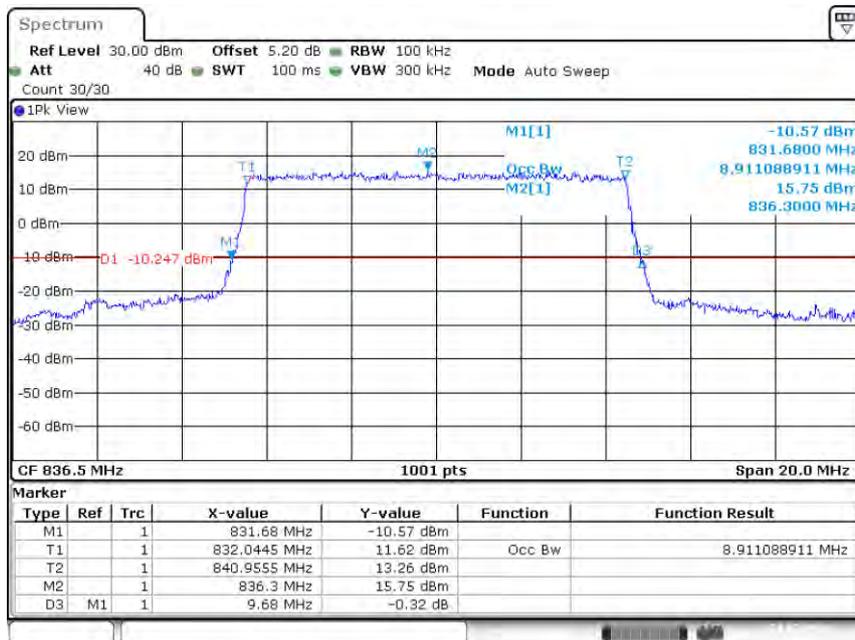
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**Band5-10MHz-QPSK-20450-50RB#0-8.931**



Date: 31 JUL 2020 10:04:28

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

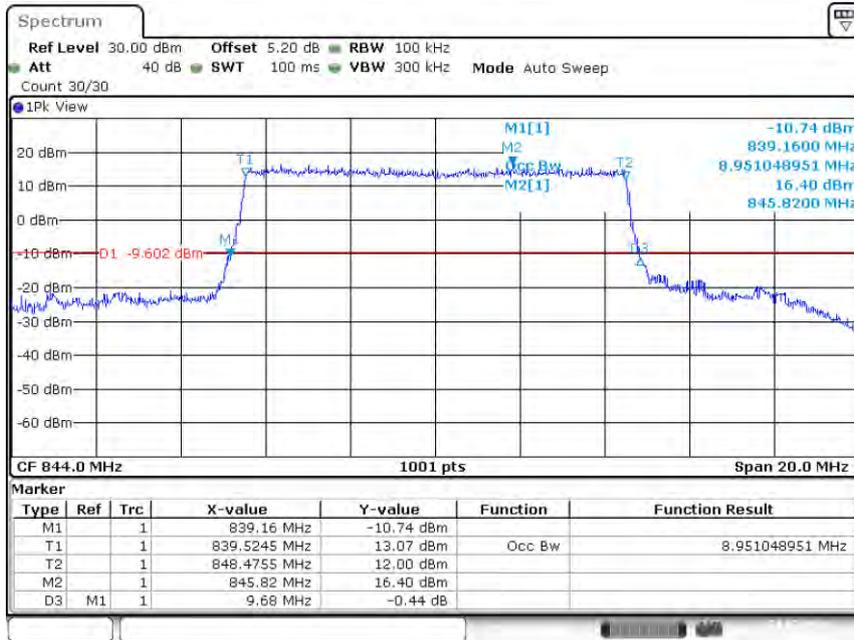


Date: 31 JUL 2020 10:04:53



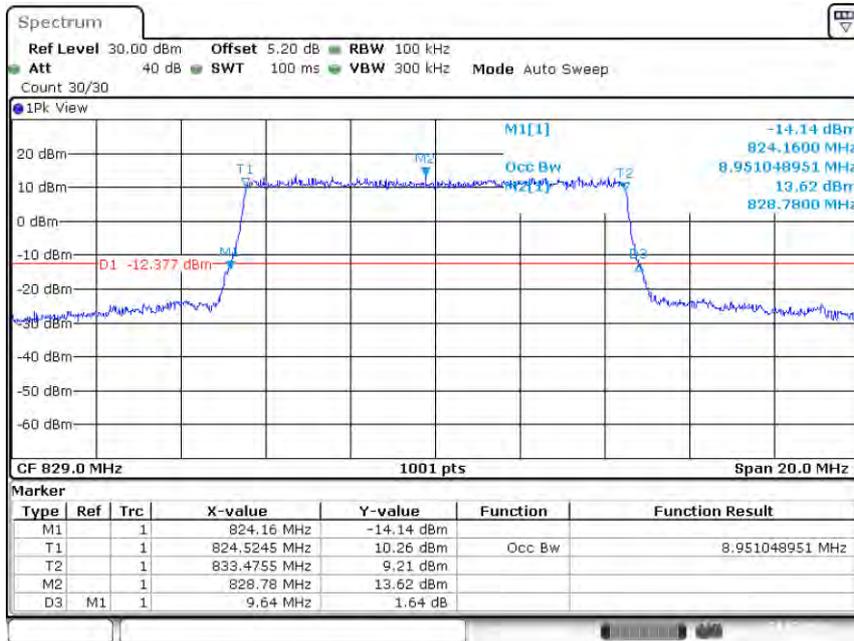
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**Band5-10MHz-QPSK-20600-50RB#0-8.951**



Date: 31 JUL 2020 10:05:19

**Band5-10MHz-64QAM-20450-50RB#0-8.951**



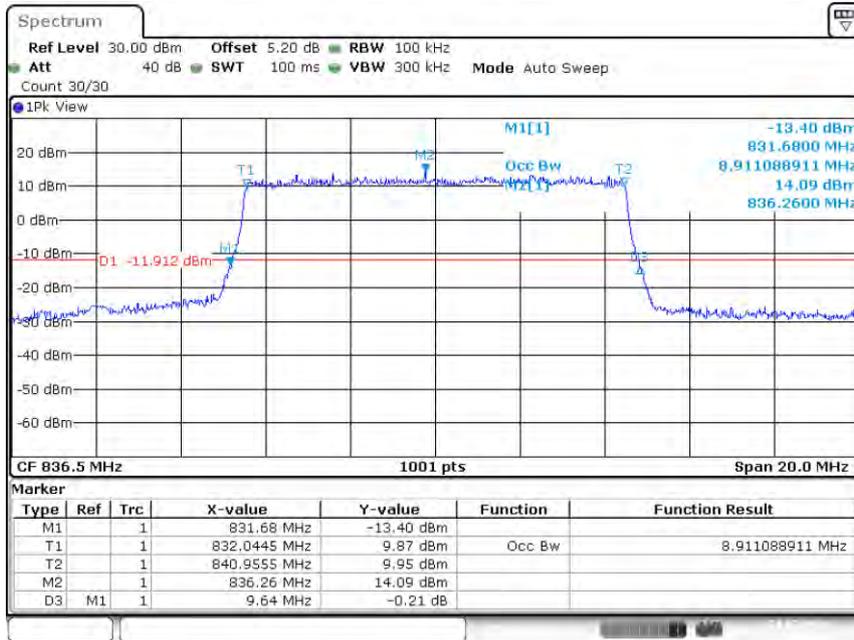
Date: 31 JUL 2020 14:26:06



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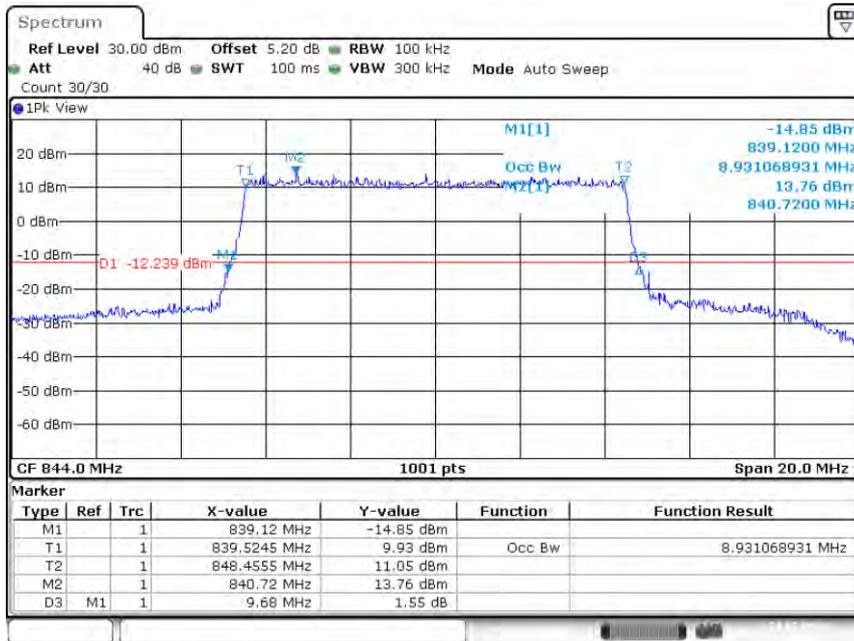


**Band5-10MHz-64QAM-20525-50RB#0-8.911**



Date: 31 JUL 2020 14:26:19

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



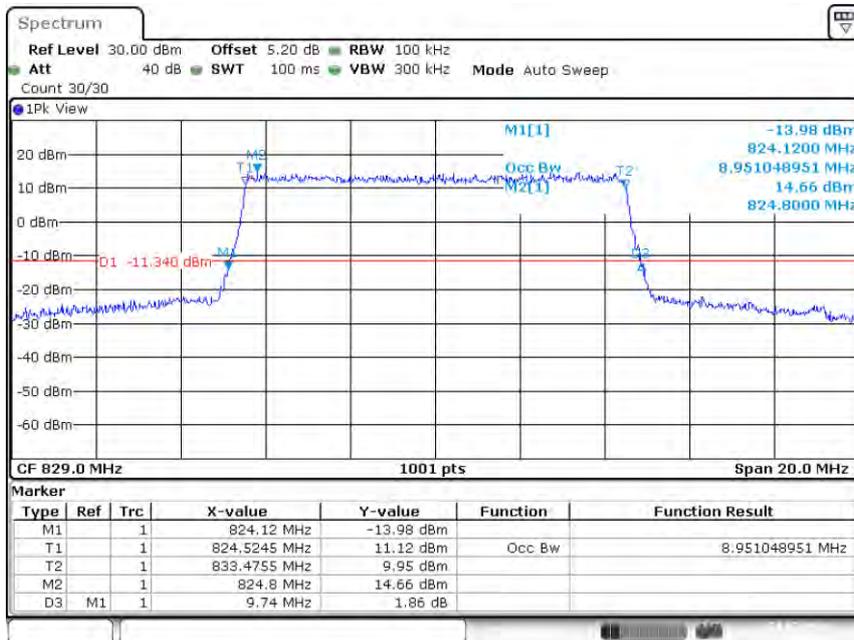
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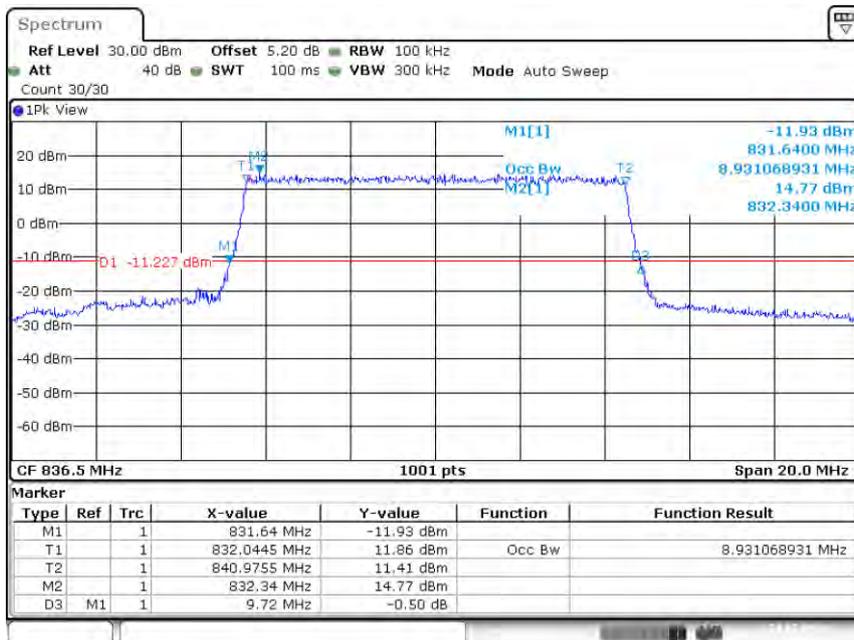


Band5-10MHz-16QAM-20450-50RB#0-8.951



Date: 31 JUL 2020 10:04:40

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

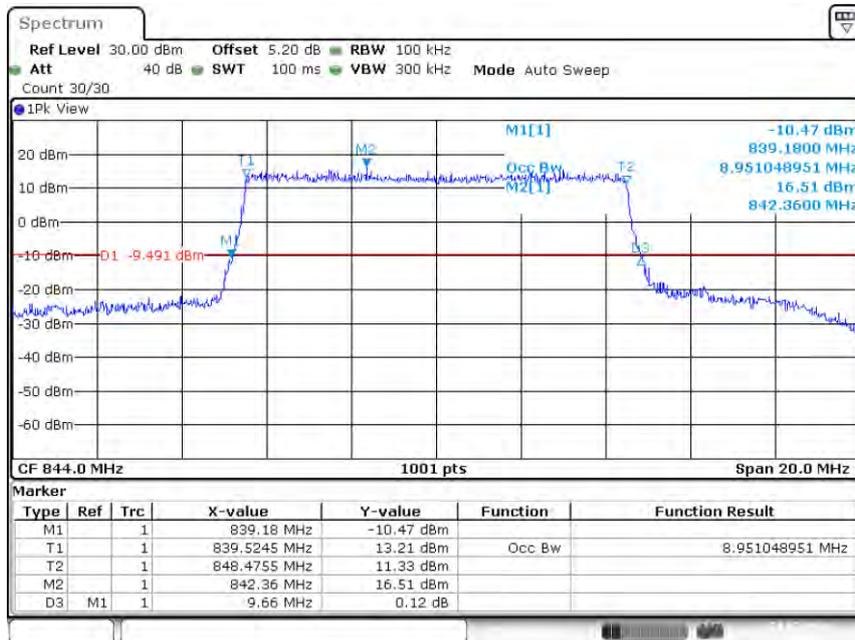


Date: 31 JUL 2020 10:05:06



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



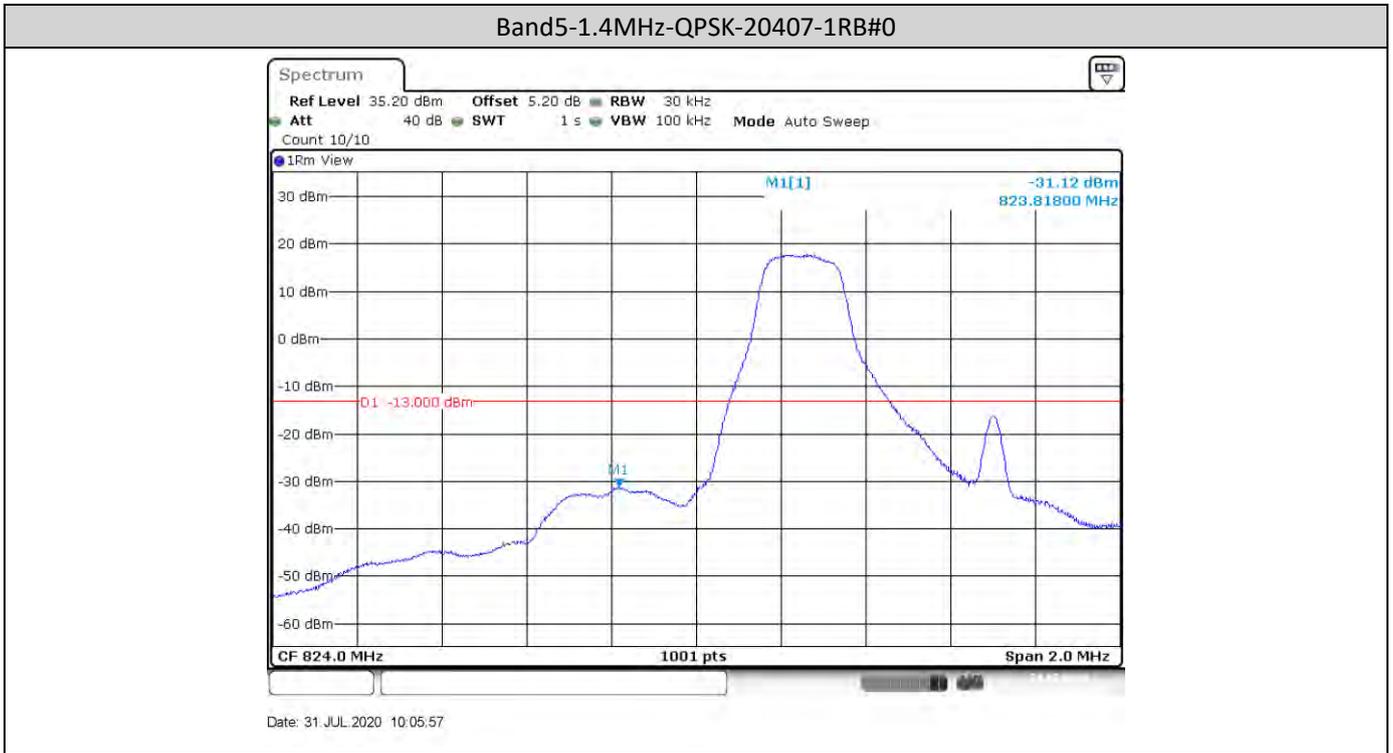
Date: 31 JUL 2020 10:05:31



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## 5. Band Edge Compliance

### 5.1. Test Plots



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



Date: 31 JUL 2020 10:08:04

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



Date: 31 JUL 2020 14:27:11



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



Date: 31 JUL 2020 14:27:31

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



Date: 31 JUL 2020 14:27:56



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



Date: 31 JUL 2020 14:28:17

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



Date: 31 JUL 2020 10:06:17



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



Date: 31 JUL 2020 10:06:58

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



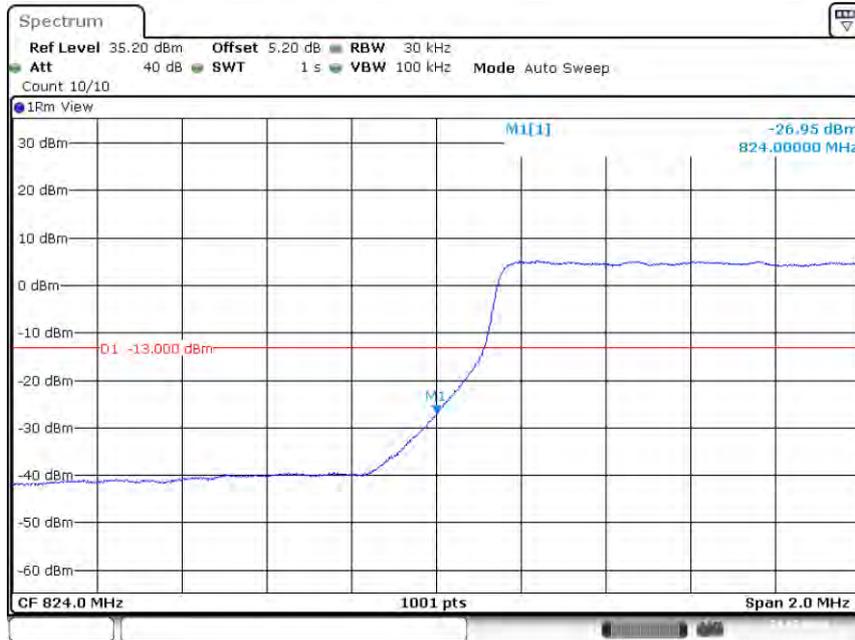
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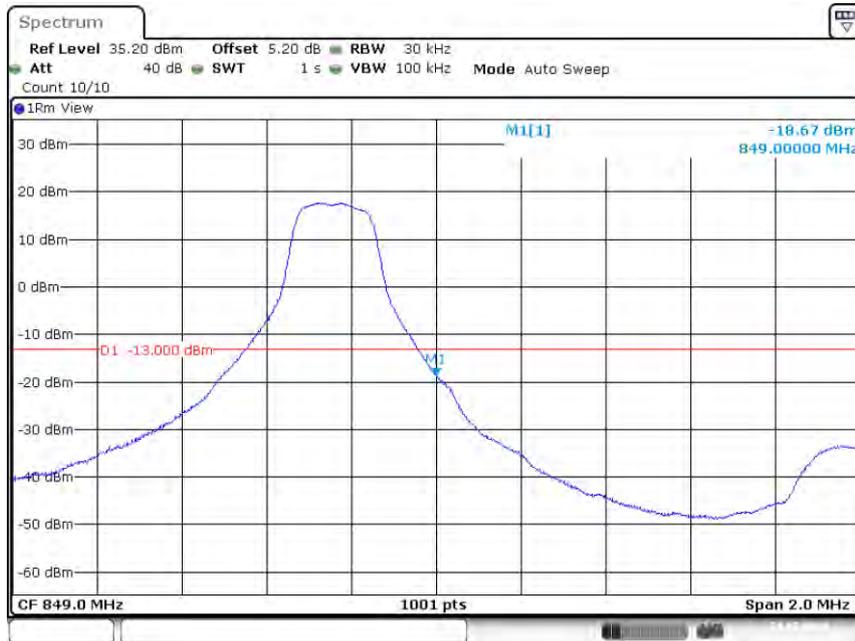


**Band5-3MHz-QPSK-20415-15RB#0**



Date: 31 JUL 2020 10:09:30

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



Date: 31 JUL 2020 10:15:10



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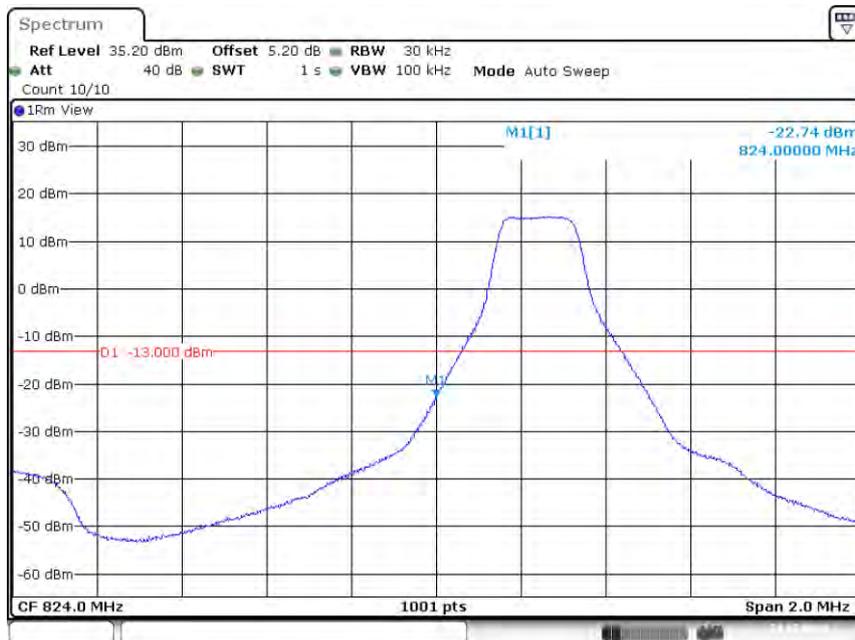
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**Band5-3MHz-QPSK-20635-15RB#0**



Date: 31 JUL 2020 10:15:51

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



Date: 31 JUL 2020 14:28:43



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



Date: 31 JUL 2020 14:29:03

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

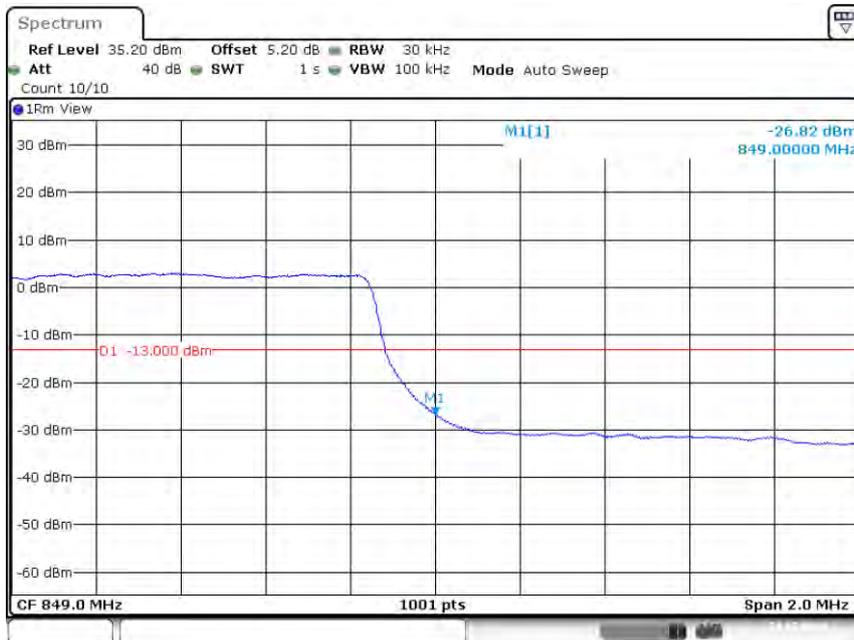


Date: 31 JUL 2020 14:29:28



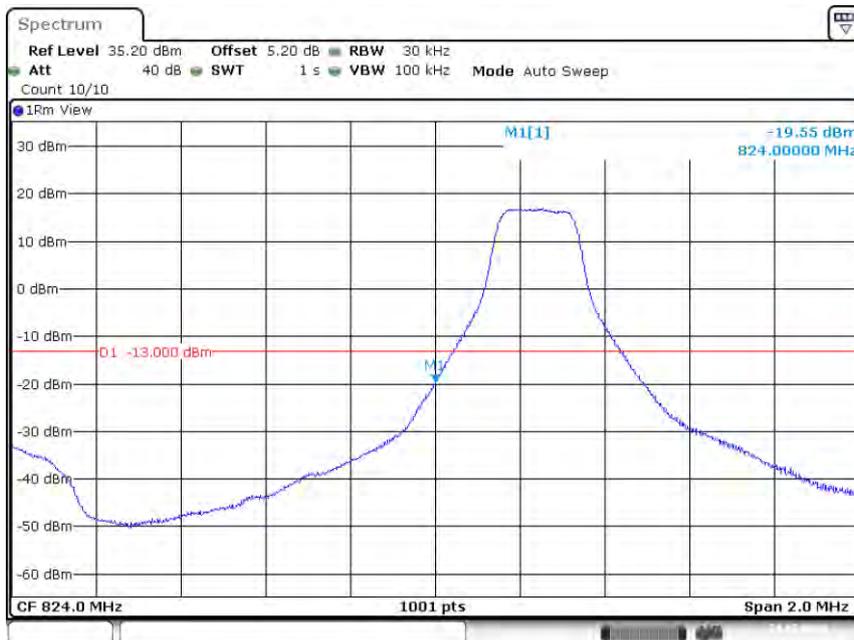
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**Band5-3MHz-64QAM-20635-15RB#0**



Date: 31 JUL 2020 14:29:49

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



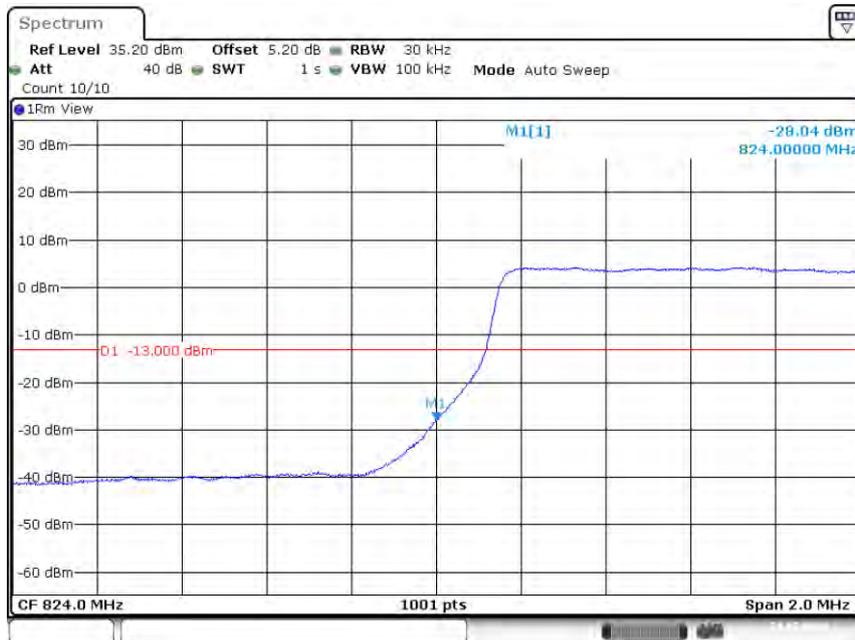
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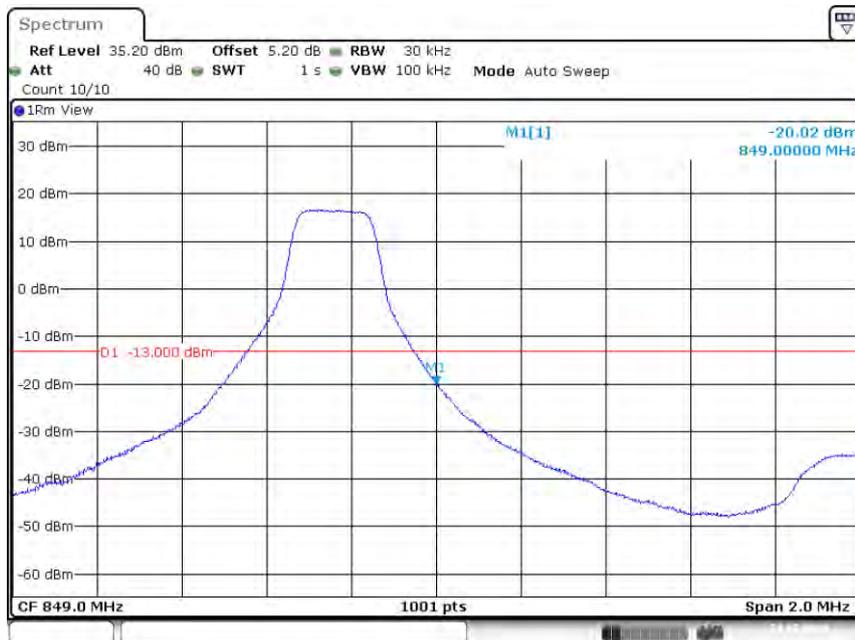
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**Band5-3MHz-16QAM-20415-15RB#0**



Date: 31 JUL 2020 10:09:51

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



Date: 31 JUL 2020 10:15:31



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



Date: 31 JUL 2020 10:16:12

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



Date: 31 JUL 2020 10:16:37



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



Date: 31 JUL 2020 10:17:18

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



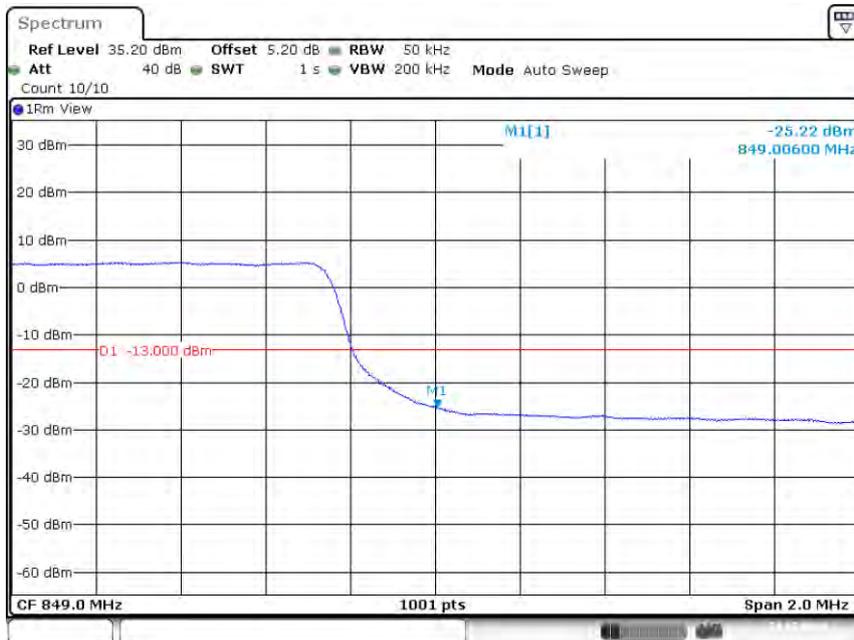
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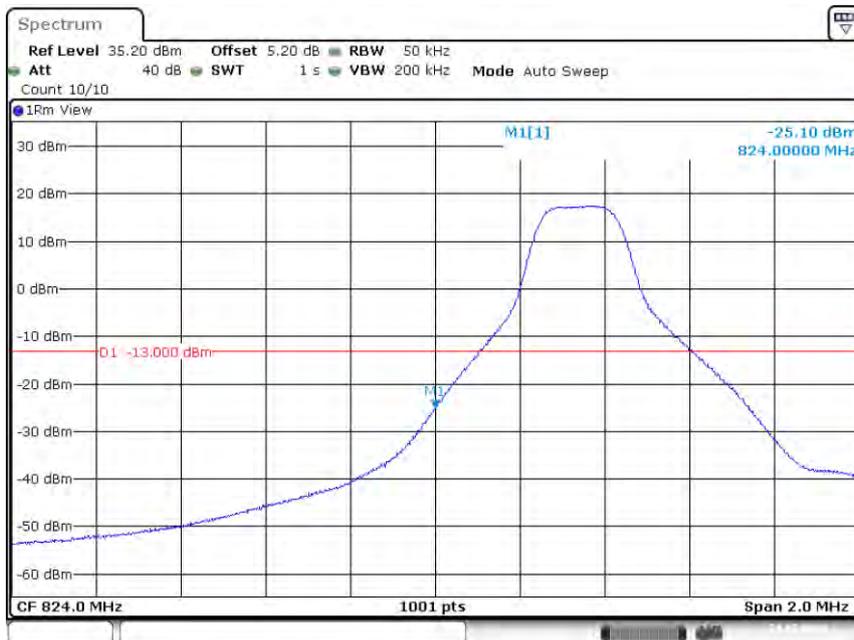


**Band5-5MHz-QPSK-20625-25RB#0**



Date: 31 JUL 2020 10:18:44

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



Date: 31 JUL 2020 14:30:14



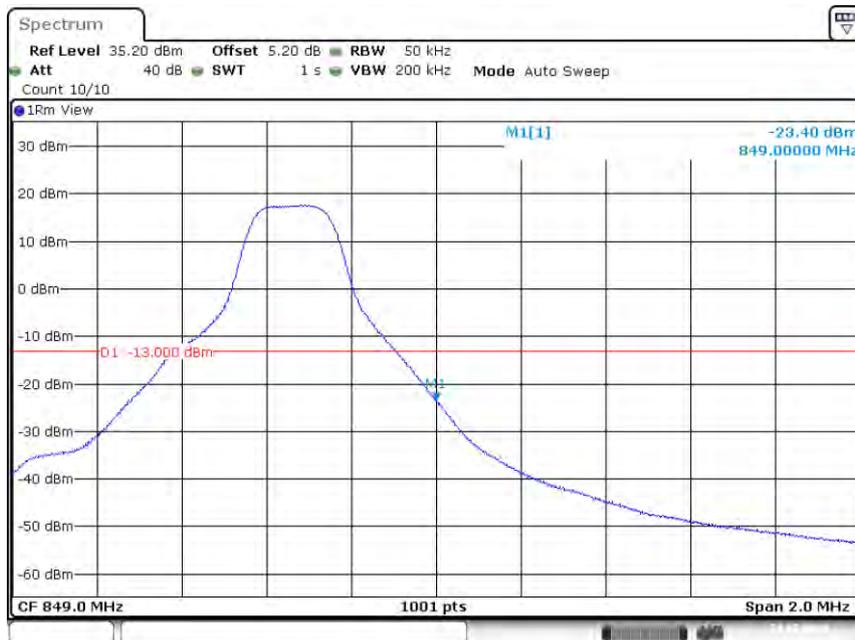
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**Band5-5MHz-64QAM-20425-25RB#0**



Date: 31 JUL 2020 14:30:35

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

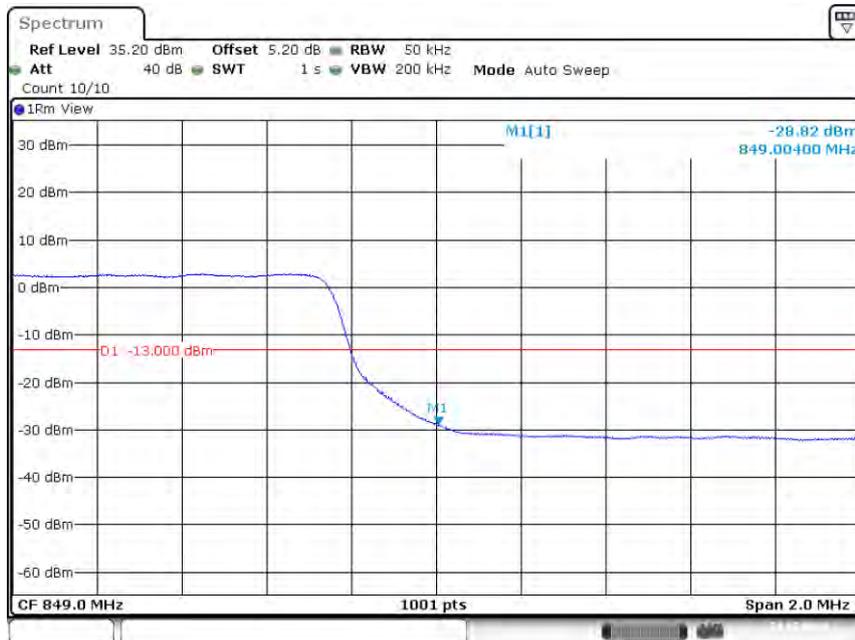


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**Band5-5MHz-64QAM-20625-25RB#0**



Date: 31 JUL 2020 14:31:20

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



Date: 31 JUL 2020 10:16:58



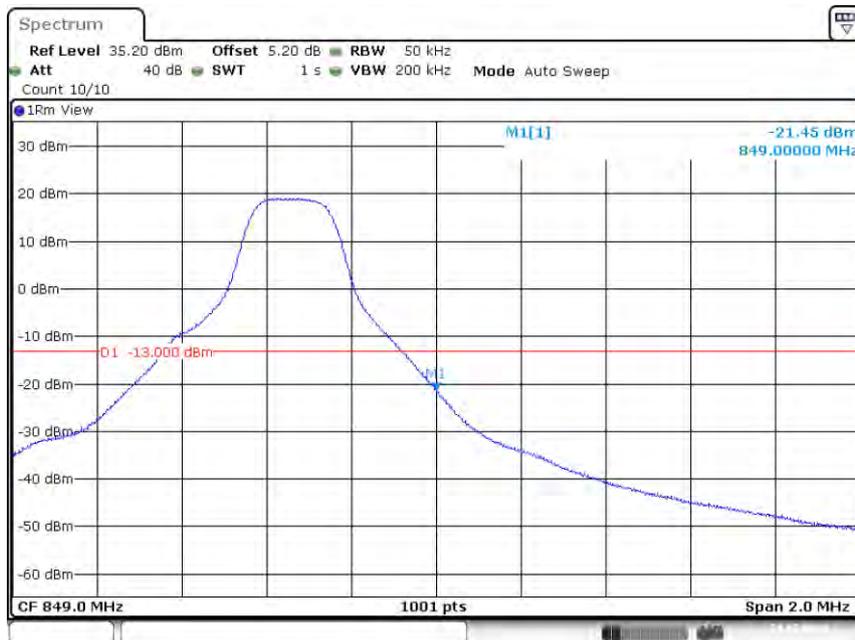
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**Band5-5MHz-16QAM-20425-25RB#0**



Date: 31 JUL 2020 10:17:38

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



Date: 31 JUL 2020 10:18:24



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



Date: 31 JUL 2020 10:19:05

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

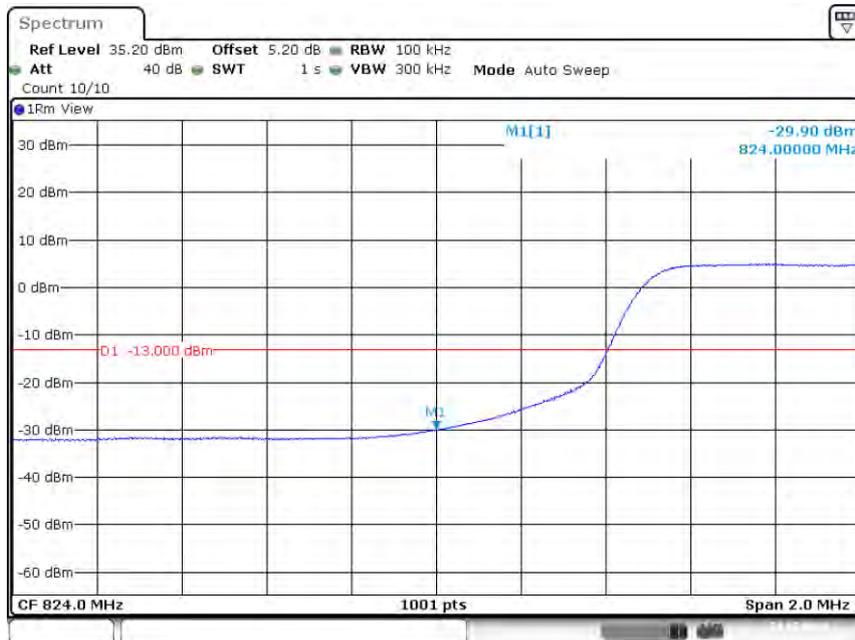


Date: 31 JUL 2020 10:19:30



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



Date: 31 JUL 2020 10:20:11

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



Date: 31 JUL 2020 10:20:56



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



Date: 31 JUL 2020 10:21:37

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



Date: 31 JUL 2020 14:31:46



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



Date: 31 JUL 2020 14:32:06

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



Date: 31 JUL 2020 14:34:21



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



Date: 31 JUL 2020 14:34:42

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

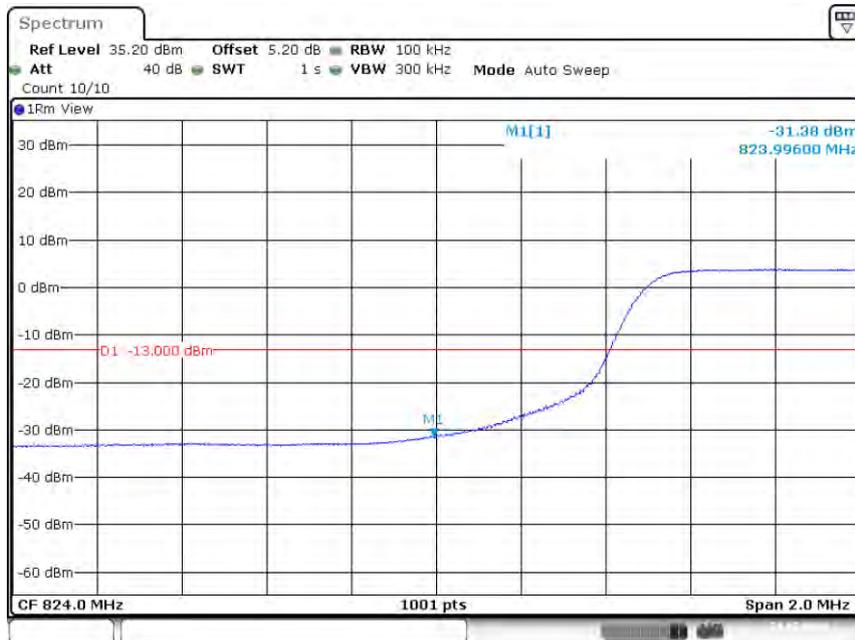


Date: 31 JUL 2020 10:19:50



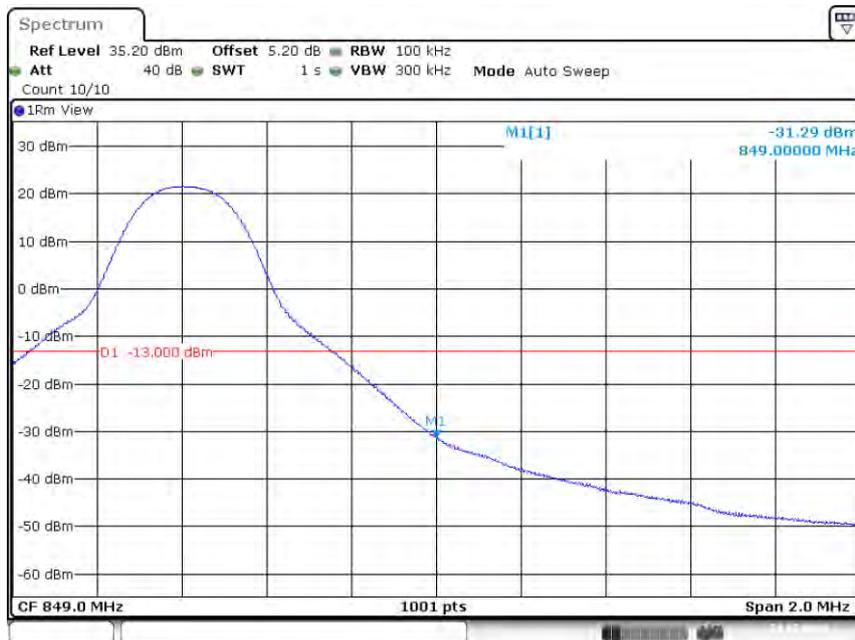
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**Band5-10MHz-16QAM-20450-50RB#0**



Date: 31 JUL 2020 10:20:31

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



Date: 31 JUL 2020 10:21:16



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



Date: 31 JUL 2020 10:21:57



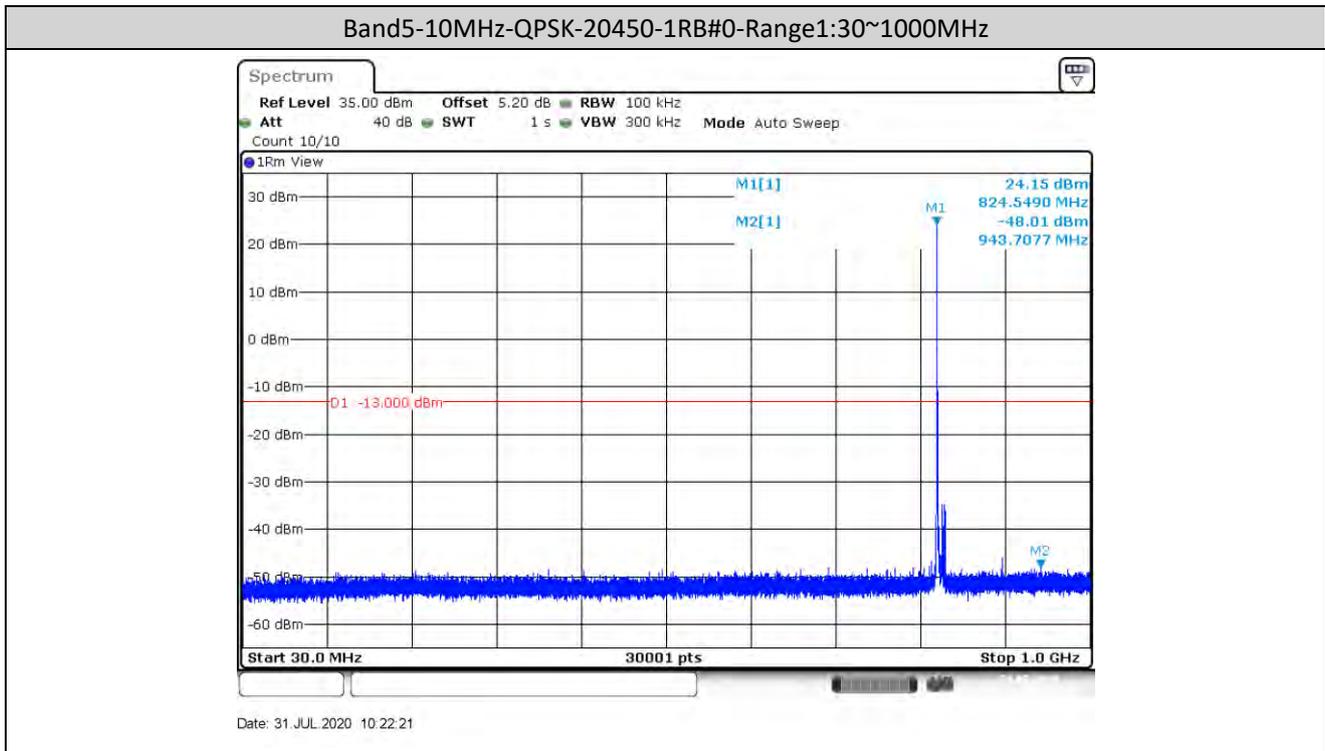
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## 6. Spurious Emission at Antenna Terminal

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.

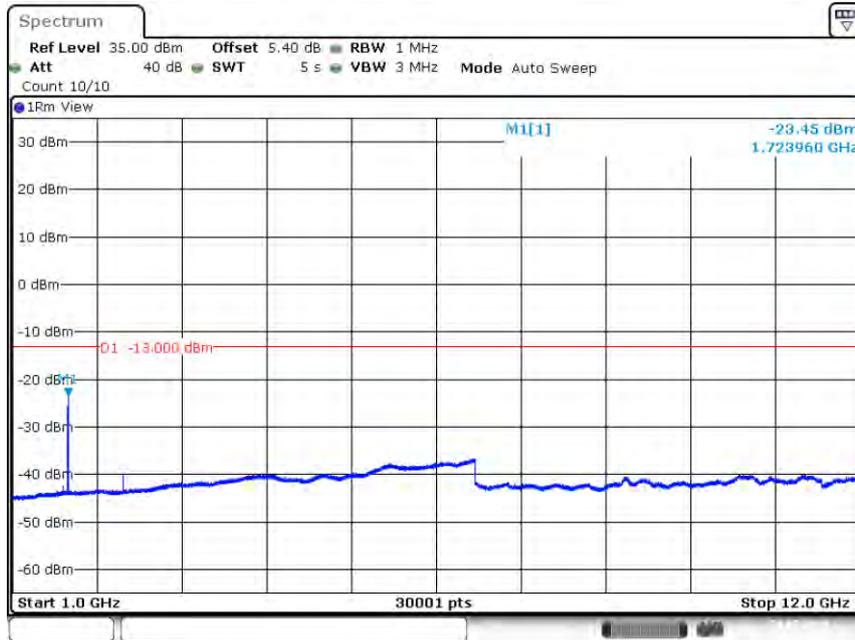
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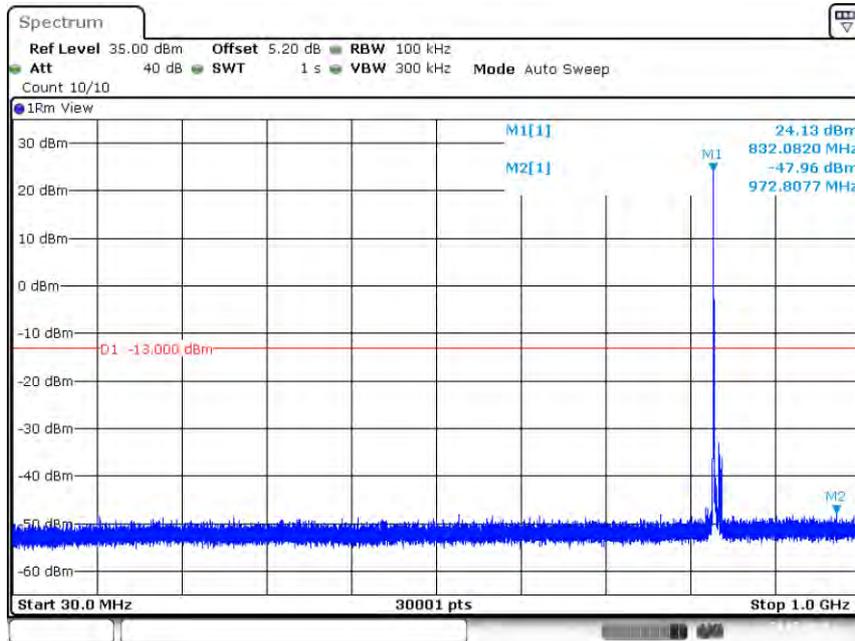
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**Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~12000MHz**



Date: 31 JUL 2020 10:23:29

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

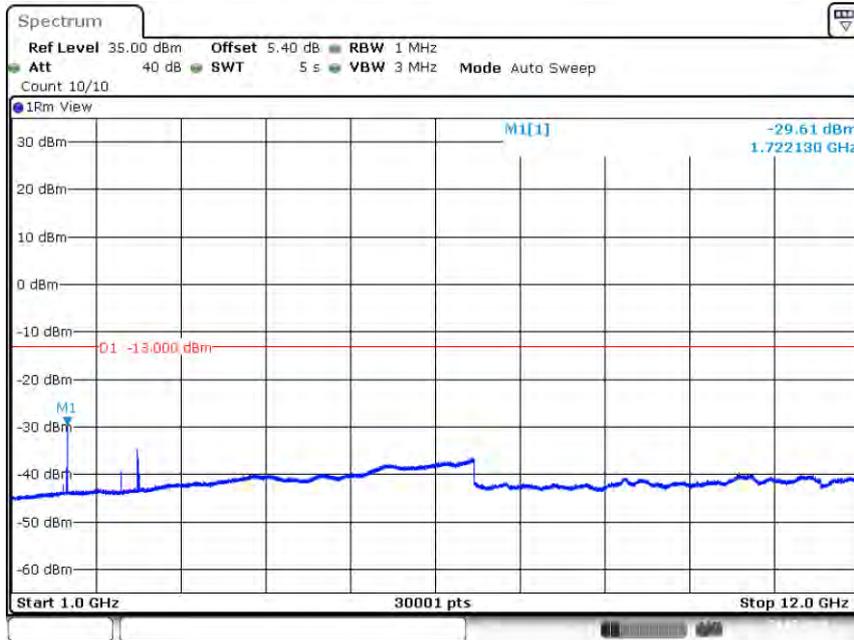


Date: 31 JUL 2020 10:25:15



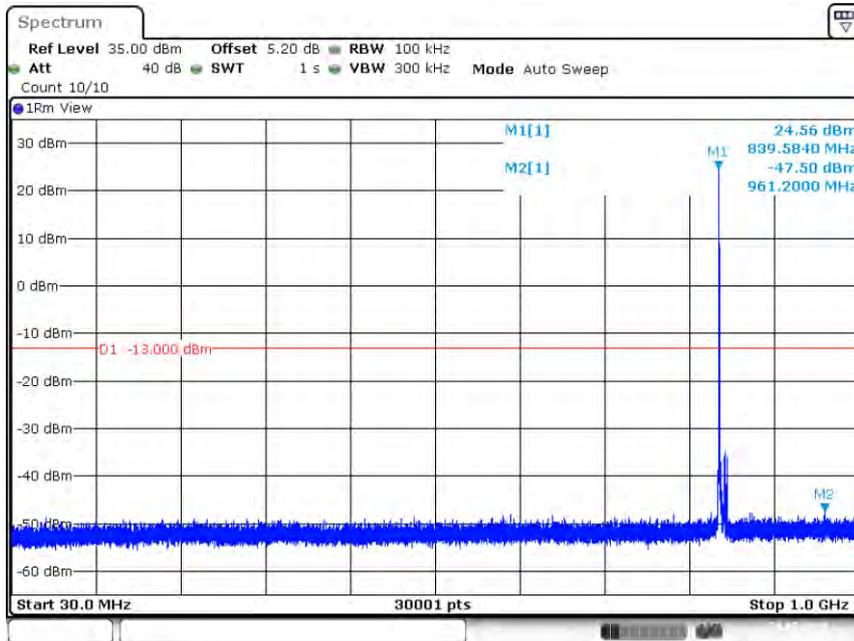
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**Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~12000MHz**



Date: 31 JUL 2020 10:26:22

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

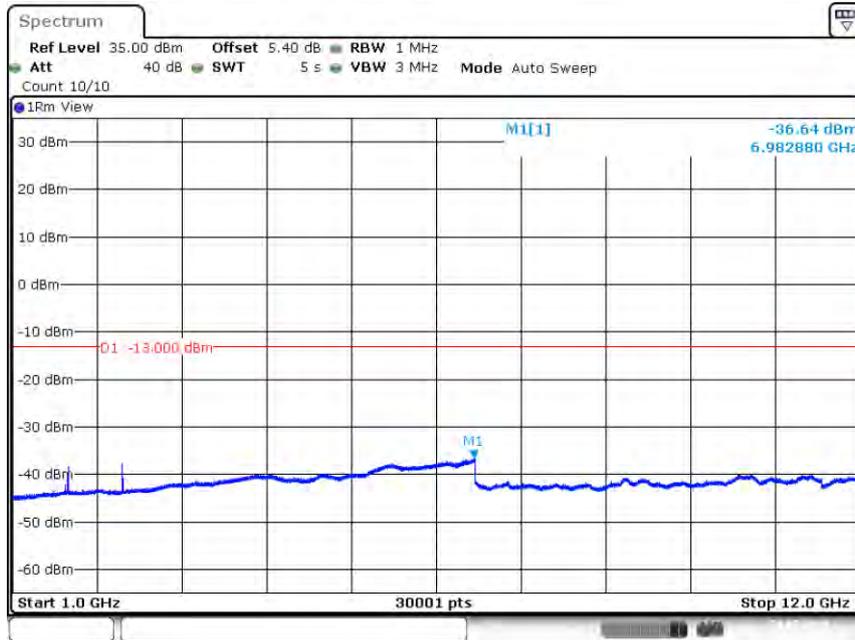


Date: 31 JUL 2020 10:28:08



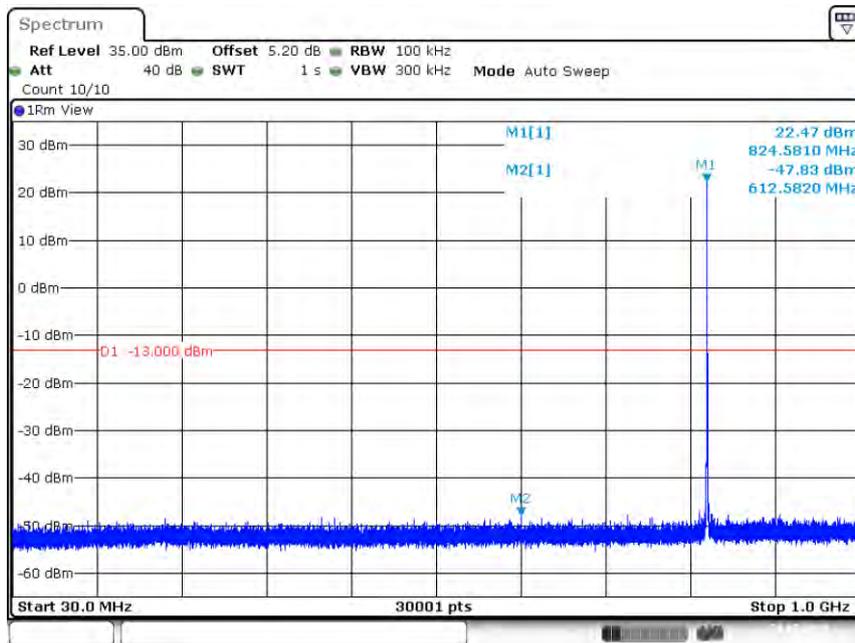
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**Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~12000MHz**



Date: 31 JUL 2020 10:29:15

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

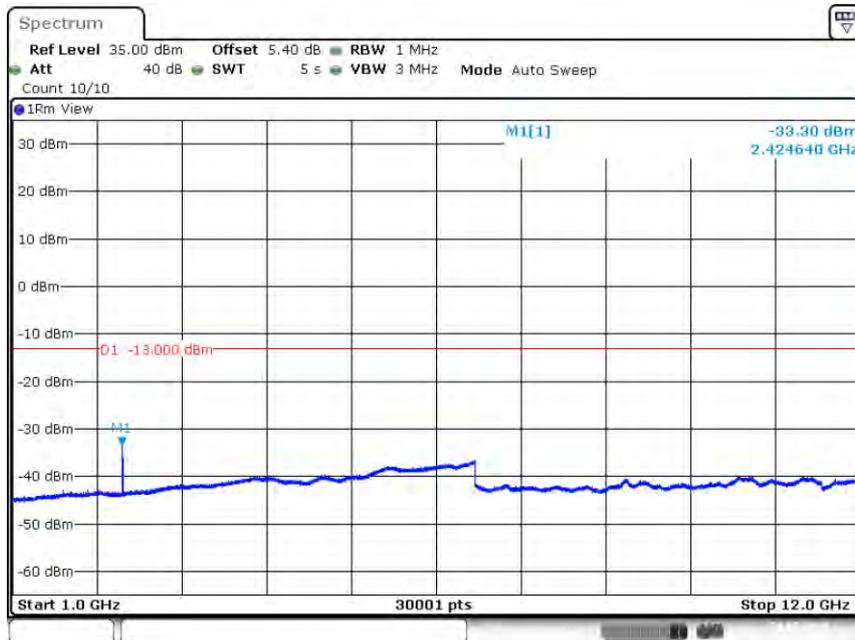


Date: 31 JUL 2020 14:35:06



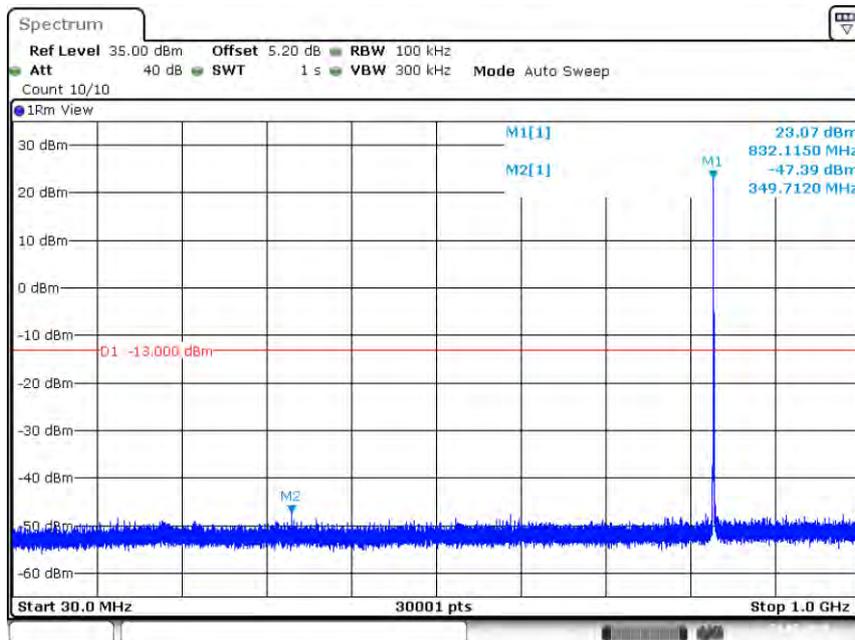
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**Band5-10MHz-64QAM-20450-1RB#0-Range2:1000~12000MHz**



Date: 31 JUL 2020 14:36:13

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

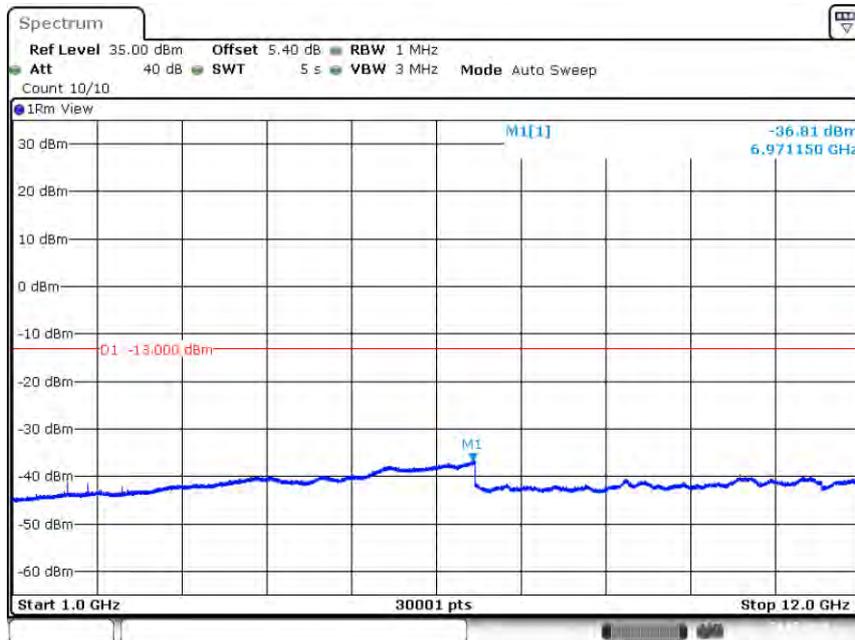


Date: 31 JUL 2020 14:36:33



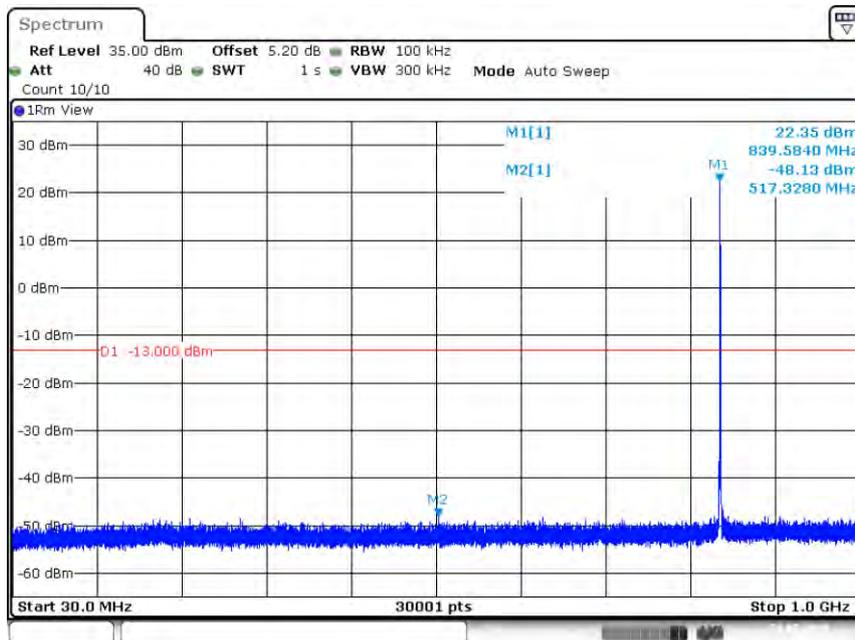
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**Band5-10MHz-64QAM-20525-1RB#0-Range2:1000~12000MHz**



Date: 31 JUL 2020 14:37:40

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



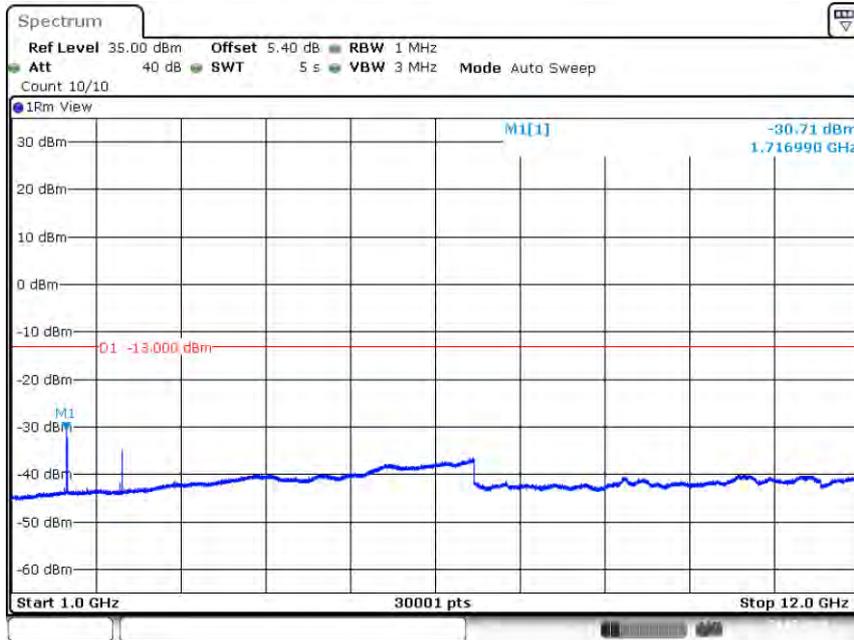
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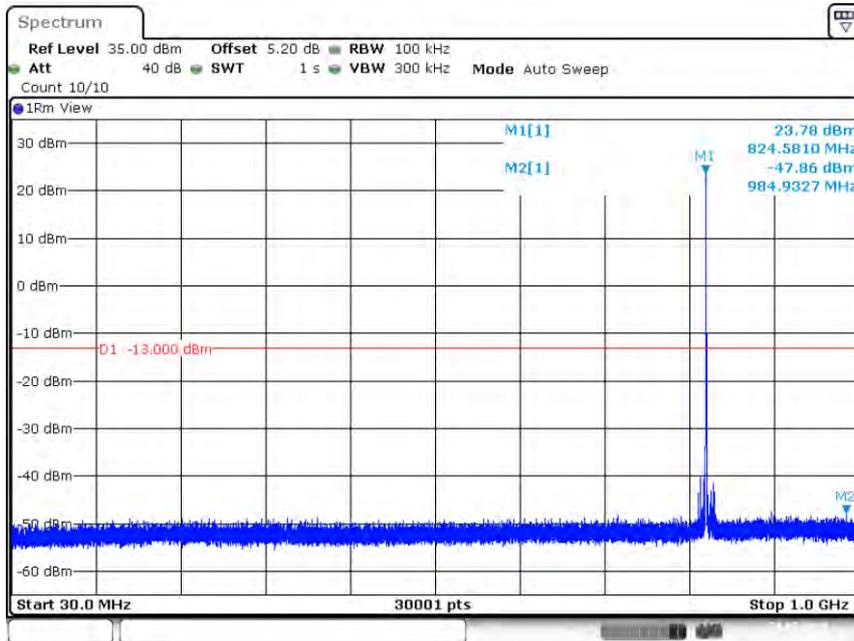
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**Band5-10MHz-64QAM-20600-1RB#0-Range2:1000~12000MHz**



Date: 31 JUL 2020 14:39:07

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



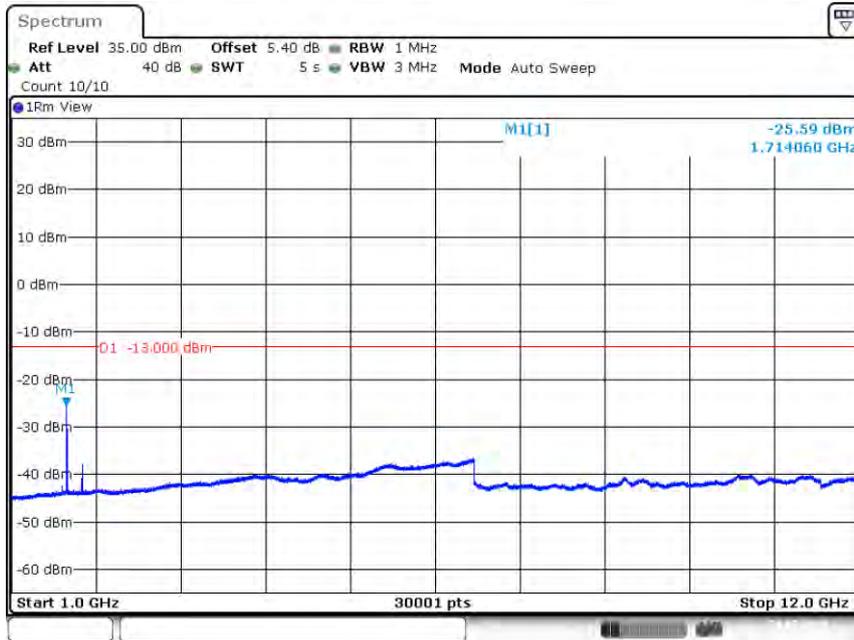
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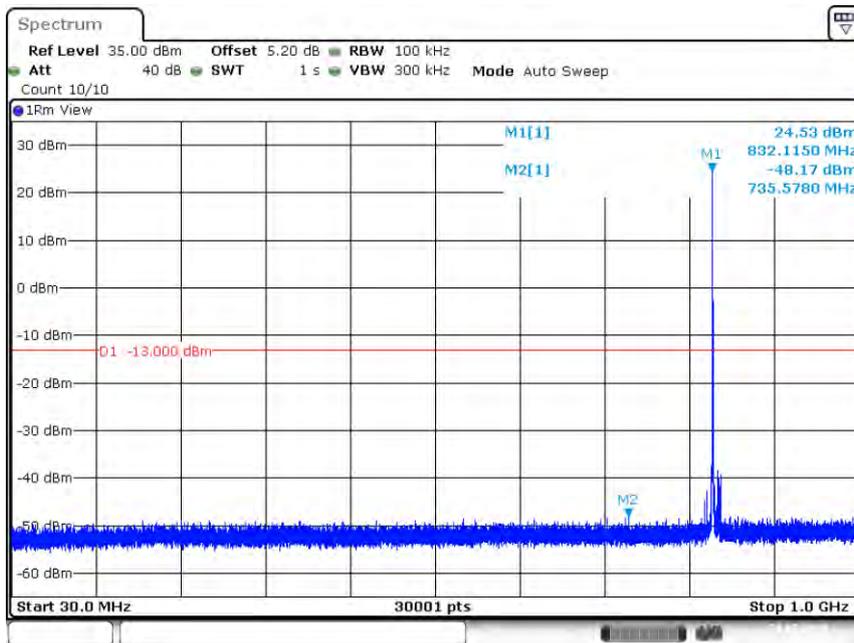
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**Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~12000MHz**



Date: 31 JUL 2020 10:24:55

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



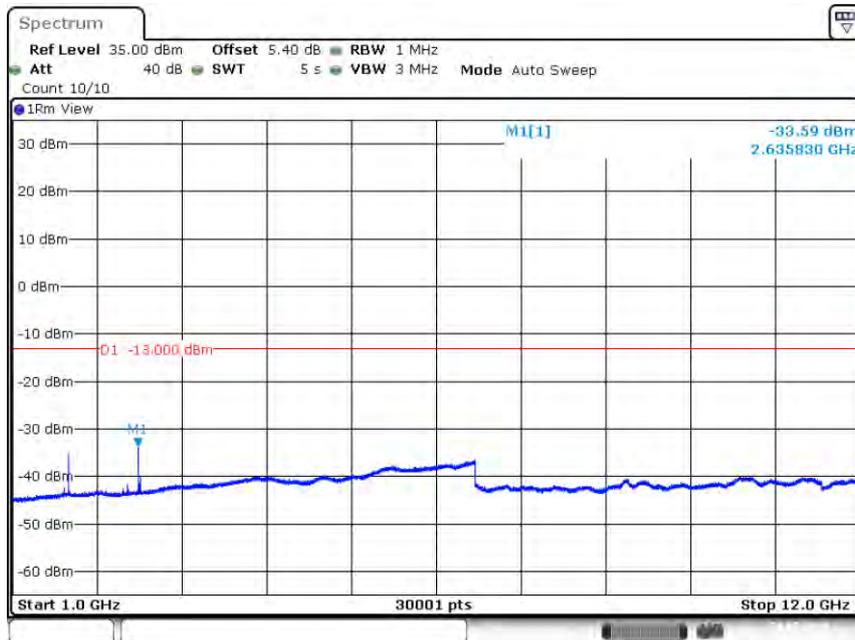
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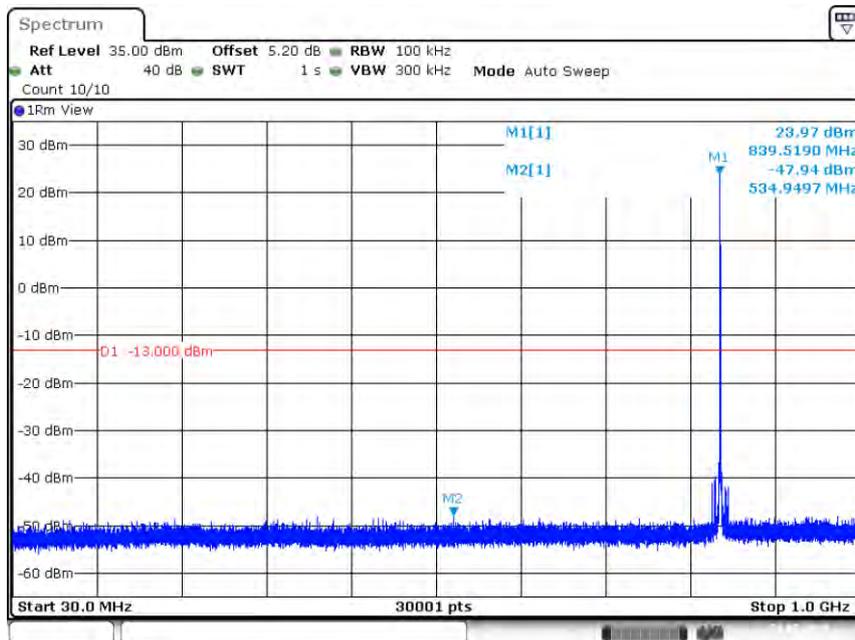
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**Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~12000MHz**



Date: 31 JUL 2020 10:27:48

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



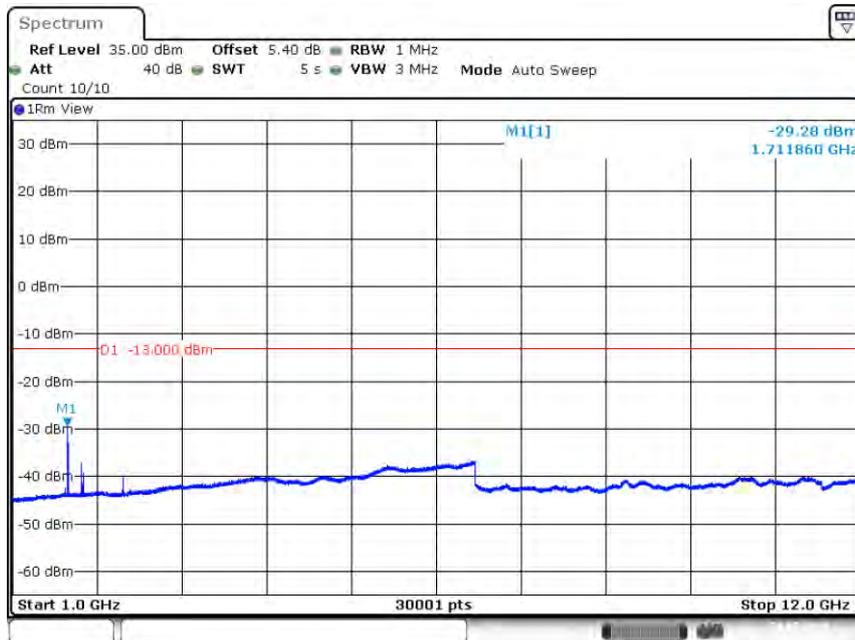
Date: 31 JUL 2020 10:29:35



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



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## 7. Field Strength of Spurious Radiation

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

#### 7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.2611	-71.14	-13.00	58.14	Vertical
112.6966	-62.32	-13.00	49.32	Vertical
363.2117	-65.33	-13.00	52.33	Vertical
1649.3299	-43.92	-13.00	30.92	Vertical
2472.6945	-51.20	-13.00	38.20	Vertical
9873.9958	-52.01	-13.00	39.01	Vertical
45.1328	-62.02	-13.00	49.02	Horizontal
108.6709	-73.78	-13.00	60.78	Horizontal
226.7743	-65.70	-13.00	52.70	Horizontal
1648.9298	-41.49	-13.00	28.49	Horizontal
2473.0946	-50.78	-13.00	37.78	Horizontal
7479.4493	-55.69	-13.00	42.69	Horizontal

#### 7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.0186	-70.89	-13.00	57.89	Vertical
110.9020	-62.79	-13.00	49.79	Vertical
380.6240	-65.00	-13.00	52.00	Vertical
1664.1328	-42.26	-13.00	29.26	Vertical
2695.5391	-57.26	-13.00	44.26	Vertical
9872.5958	-52.00	-13.00	39.00	Vertical
44.0172	-62.62	-13.00	49.62	Horizontal
99.0190	-73.20	-13.00	60.20	Horizontal
244.7202	-64.14	-13.00	51.14	Horizontal
1664.1328	-38.98	-13.00	25.98	Horizontal
2698.7397	-56.33	-13.00	43.33	Horizontal
7463.8155	-55.92	-13.00	42.92	Horizontal



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**7.1.3. Test Channel = HCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.3581	-71.19	-13.00	58.19	Vertical
112.3086	-62.50	-13.00	49.50	Vertical
310.3925	-66.03	-13.00	53.03	Vertical
1678.9358	-41.63	-13.00	28.63	Vertical
2693.5387	-57.32	-13.00	44.32	Vertical
9900.3633	-52.05	-13.00	39.05	Vertical
43.1927	-62.31	-13.00	49.31	Horizontal
91.4526	-73.18	-13.00	60.18	Horizontal
243.4592	-64.94	-13.00	51.94	Horizontal
1678.9358	-39.33	-13.00	26.33	Horizontal
2698.7397	-56.04	-13.00	43.04	Horizontal
7476.4159	-55.86	-13.00	42.86	Horizontal



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

### 7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
54.2512	-70.87	-13.00	57.87	Vertical
113.0362	-61.41	-13.00	48.41	Vertical
380.4300	-66.14	-13.00	53.14	Vertical
1649.3299	-63.54	-13.00	50.54	Vertical
2409.4819	-57.91	-13.00	44.91	Vertical
7453.5485	-55.63	-13.00	42.63	Vertical
43.8232	-62.34	-13.00	49.34	Horizontal
101.3956	-73.38	-13.00	60.38	Horizontal
227.7444	-65.49	-13.00	52.49	Horizontal
1648.9298	-60.73	-13.00	47.73	Horizontal
2687.9376	-56.34	-13.00	43.34	Horizontal
7423.9141	-56.00	-13.00	43.00	Horizontal

### 7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.0186	-70.85	-13.00	57.85	Vertical
113.1817	-62.49	-13.00	49.49	Vertical
339.1060	-66.71	-13.00	53.71	Vertical
1664.1328	-64.23	-13.00	51.23	Vertical
2446.6893	-56.96	-13.00	43.96	Vertical
7469.1823	-55.39	-13.00	42.39	Vertical
43.1927	-62.38	-13.00	49.38	Horizontal
102.6081	-73.42	-13.00	60.42	Horizontal
231.0426	-64.80	-13.00	51.80	Horizontal
1664.1328	-63.01	-13.00	50.01	Horizontal
2469.0938	-56.30	-13.00	43.30	Horizontal
7483.1828	-55.89	-13.00	42.89	Horizontal



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**7.2.3. Test Channel = HCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.1641	-71.52	-13.00	58.52	Vertical
114.6852	-62.68	-13.00	49.68	Vertical
438.5359	-64.61	-13.00	51.61	Vertical
1700.1400	-62.57	-13.00	49.57	Vertical
2695.9392	-57.05	-13.00	44.05	Vertical
7478.9826	-55.54	-13.00	42.54	Vertical
38.8759	-62.17	-13.00	49.17	Horizontal
109.0105	-73.38	-13.00	60.38	Horizontal
238.0754	-64.19	-13.00	51.19	Horizontal
1678.9358	-62.50	-13.00	49.50	Horizontal
2466.6933	-56.05	-13.00	43.05	Horizontal
7461.4820	-56.19	-13.00	43.19	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	-0.60	-0.000724	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-0.20	-0.000241	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-0.70	-0.000844	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	0.40	0.000478	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	0.10	0.000120	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	0.50	0.000598	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-2.10	-0.002488	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-1.90	-0.002251	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	0.40	0.000474	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VL	NT	-1.50	-0.001809	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VN	NT	-1.10	-0.001327	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VH	NT	-1.40	-0.001689	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VL	NT	0.80	0.000956	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VN	NT	0.80	0.000956	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VH	NT	0.00	0.000000	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VL	NT	0.00	0.000000	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VN	NT	-0.90	-0.001066	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VH	NT	0.50	0.000592	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	0.90	0.001086	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	1.80	0.002171	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	0.10	0.000121	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-1.80	-0.002152	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-1.30	-0.001554	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-2.00	-0.002391	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	0.90	0.001066	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	6.80	0.008057	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-14.00	-0.016588	±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	0.60	0.000724	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-0.30	-0.000362	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	1.20	0.001448	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	2.10	0.002533	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	0.90	0.001086	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	1.50	0.001809	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	1.40	0.001689	±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	-1.00	-0.001195	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-1.00	-0.001195	±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	-0.10	-0.000120	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	0.70	0.000837	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-0.50	-0.000598	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-1.90	-0.002271	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-3.60	-0.004304	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-0.40	-0.000474	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-1.80	-0.002133	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-0.80	-0.000948	±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	0.60	0.000711	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	-0.90	-0.001066	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-13.20	-0.015640	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-4.40	-0.005213	±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	-20	-0.50	-0.000603	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	0	0.50	0.000603	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	10	-0.80	-0.000965	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	20	0.20	0.000241	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	30	0.90	0.001086	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	40	0.10	0.000121	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	50	0.20	0.000241	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-30	1.00	0.001195	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-20	-0.60	-0.000717	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	0	-0.90	-0.001076	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	10	-1.10	-0.001315	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	20	1.00	0.001195	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	30	-0.30	-0.000359	±2.5	PASS



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Band5	10MHz	64QAM	20525	50RB#0	NV	40	1.50	0.001793	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	50	-0.50	-0.000598	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-30	0.10	0.000118	±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	0	-0.40	-0.000474	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	10	0.70	0.000829	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	20	0.90	0.001066	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	30	0.00	0.000000	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	40	0.30	0.000355	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	50	-0.30	-0.000355	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-0.60	-0.000724	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	-1.10	-0.001327	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-1.40	-0.001689	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	0.60	0.000724	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	0.30	0.000362	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	-0.20	-0.000241	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	1.20	0.001448	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	0.80	0.000965	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-1.00	-0.001195	±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	0	-2.90	-0.003467	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-0.60	-0.000717	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-0.40	-0.000478	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-1.50	-0.001793	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	-1.40	-0.001674	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	-3.60	-0.004304	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	22.90	0.027133	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-0.50	-0.000592	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	3.60	0.004265	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	9.90	0.011730	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-0.10	-0.000118	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	45.00	0.053318	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	4.20	0.004976	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	-0.80	-0.000948	±2.5	PASS



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