



Appendix B

E-UTRA Band 5



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	24.04	16.89	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.19	17.04	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	24.03	16.88	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	24.05	16.9	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	24.02	16.87	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	24.01	16.86	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.01	15.86	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.90	16.75	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.88	16.73	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	24.01	16.86	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	24.00	16.85	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	24.04	16.89	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	24.00	16.85	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.01	15.86	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.97	16.82	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.87	16.72	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.89	16.74	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.99	16.84	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	24.05	16.9	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.98	16.83	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	23.01	15.86	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	17.75	10.6	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	17.68	10.53	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	17.95	10.8	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	17.80	10.65	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	17.92	10.77	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	17.91	10.76	38.45	PASS



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Band5	1.4MHz	64QAM	20407	6RB#0	16.79	9.64	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	21.95	14.8	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	22.05	14.9	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	21.90	14.75	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	21.99	14.84	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	22.09	14.94	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	22.00	14.85	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.95	13.8	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.98	14.83	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	22.07	14.92	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.91	14.76	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	22.00	14.85	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	22.07	14.92	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	21.99	14.84	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.95	13.8	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.27	16.12	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.43	16.28	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.71	16.56	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	23.08	15.93	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	23.06	15.91	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	23.08	15.93	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.06	14.91	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.13	15.98	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.13	15.98	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.20	16.05	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	23.09	15.94	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	23.14	15.99	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	23.01	15.86	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.04	14.89	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.08	15.93	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.10	15.95	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.25	16.1	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.99	15.84	38.45	PASS



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Band5	1.4MHz	16QAM	20643	3RB#0	22.94	15.79	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	23.08	15.93	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.05	14.9	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.93	16.78	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.97	16.82	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.02	16.87	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.04	15.89	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.02	15.87	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.99	15.84	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.99	15.84	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.98	16.83	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.94	16.79	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.95	16.8	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.96	15.81	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	23.00	15.85	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	23.00	15.85	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.98	15.83	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.93	16.78	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.95	16.8	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.93	16.78	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.96	15.81	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.95	15.8	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	23.00	15.85	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.97	15.82	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	22.04	14.89	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	22.06	14.91	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	22.08	14.93	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	20.99	13.84	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	20.99	13.84	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	20.92	13.77	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	20.92	13.77	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	22.02	14.87	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	22.05	14.9	38.45	PASS



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Band5	3MHz	64QAM	20525	8RB#0	20.93	13.78	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	20.96	13.81	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	20.94	13.79	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	20.93	13.78	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	21.97	14.82	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	21.99	14.84	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	21.95	14.8	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	20.89	13.74	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	20.90	13.75	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	20.94	13.79	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.90	13.75	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.13	15.98	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.14	15.99	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.19	16.04	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.07	14.92	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.04	14.89	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.01	14.86	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.93	14.78	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.16	16.01	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.09	15.94	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.11	15.96	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.99	14.84	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.01	14.86	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.04	14.89	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.95	14.8	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.03	15.88	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.12	15.97	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.07	15.92	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.97	14.82	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.04	14.89	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.98	14.83	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.91	14.76	38.45	PASS



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Band5	5MHz	QPSK	20425	1RB#24	23.85	16.7	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	24.13	16.98	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.93	16.78	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.96	15.81	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.05	15.9	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	23.03	15.88	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.03	15.88	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.87	16.72	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	24.13	16.98	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.80	16.65	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	23.05	15.9	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	23.04	15.89	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.95	15.8	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.01	15.86	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.83	16.68	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	24.08	16.93	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.83	16.68	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.98	15.83	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	23.01	15.86	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.94	15.79	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.94	15.79	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	21.89	14.74	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	22.15	15	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	21.92	14.77	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	20.98	13.83	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	21.00	13.85	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	20.92	13.77	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	20.95	13.8	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	22.21	15.06	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	21.83	14.68	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	21.91	14.76	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	20.87	13.72	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	20.96	13.81	38.45	PASS



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Band5	5MHz	64QAM	20525	12RB#6	21.00	13.85	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.96	13.81	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	21.86	14.71	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	22.15	15	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	21.85	14.7	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	20.95	13.8	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	20.91	13.76	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	20.89	13.74	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.89	13.74	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	23.33	16.18	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.09	15.94	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.96	15.81	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.01	14.86	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.97	14.82	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	22.03	14.88	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.99	14.84	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.27	16.12	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.13	15.98	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.08	15.93	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.02	14.87	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.05	14.9	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.93	14.78	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.97	14.82	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.05	15.9	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.29	16.14	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.07	15.92	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.99	14.84	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.01	14.86	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.93	14.78	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.92	14.77	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	24.04	16.89	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	24.10	16.95	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	24.00	16.85	38.45	PASS



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Band5	10MHz	QPSK	20450	25RB#12	23.09	15.94	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.08	15.93	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.05	15.9	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.09	15.94	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.96	16.81	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	24.02	16.87	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	24.10	16.95	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.12	15.97	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.07	15.92	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.04	15.89	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.08	15.93	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	24.08	16.93	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.95	16.8	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.94	16.79	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	23.07	15.92	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.07	15.92	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.02	15.87	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	23.07	15.92	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	22.07	14.92	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	22.16	15.01	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.99	14.84	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	21.00	13.85	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	21.07	13.92	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	21.03	13.88	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	21.02	13.87	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	22.06	14.91	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	22.14	14.99	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.98	14.83	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	21.06	13.91	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	21.03	13.88	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	20.99	13.84	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	21.01	13.86	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	21.96	14.81	38.45	PASS



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Band5	10MHz	64QAM	20600	1RB#0	22.03	14.88	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	22.11	14.96	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	21.03	13.88	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	20.99	13.84	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	21.03	13.88	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	21.01	13.86	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	23.18	16.03	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.34	16.19	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.22	16.07	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	22.09	14.94	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	22.08	14.93	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	22.03	14.88	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.04	14.89	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.22	16.07	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.12	15.97	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.39	16.24	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.08	14.93	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.04	14.89	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.04	14.89	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.05	14.9	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.11	15.96	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.08	15.93	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.27	16.12	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.98	14.83	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.06	14.91	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.07	14.92	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.03	14.88	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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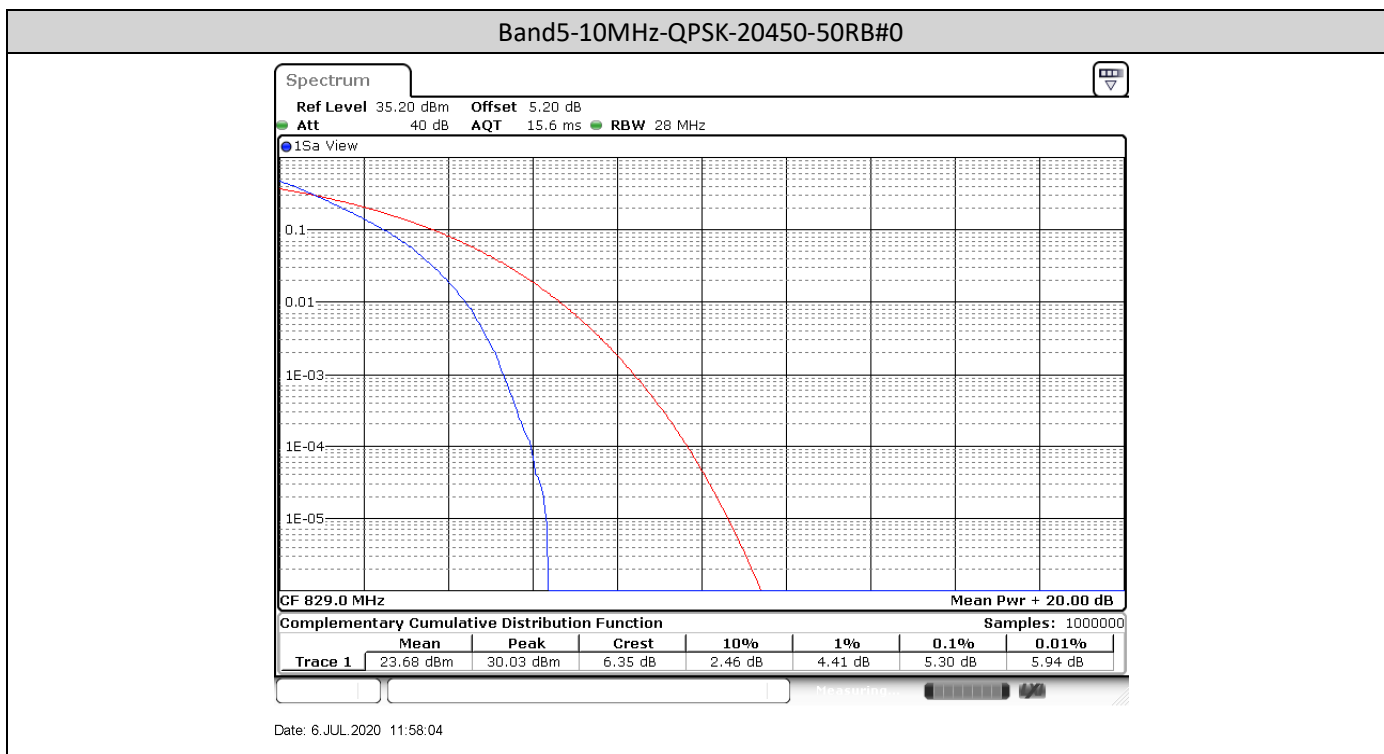


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	5.30	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.33	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.49	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	6.38	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.38	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.46	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.06	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.03	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.41	13	PASS

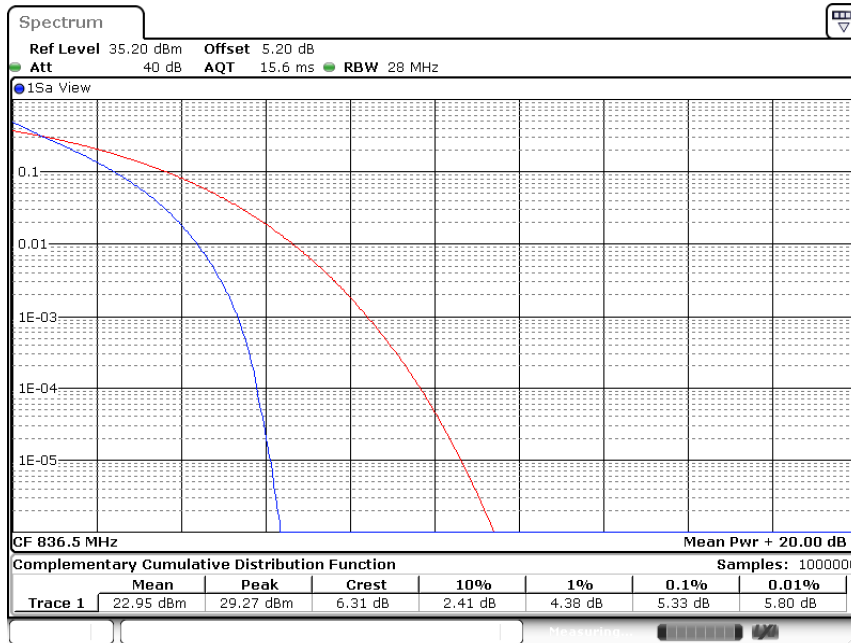
2.2. Test Plots



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



Date: 6.JUL.2020 11:58:27

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



Date: 6.JUL.2020 11:58:49



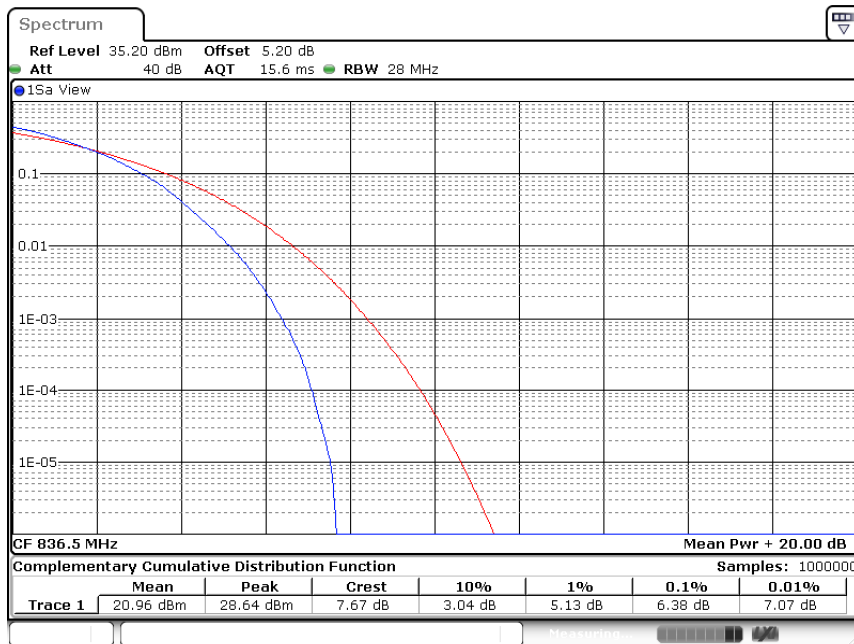
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Band5-10MHz-64QAM-20450-50RB#0



Date: 6.JUL.2020 12:14:42

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



Date: 6.JUL.2020 12:14:54



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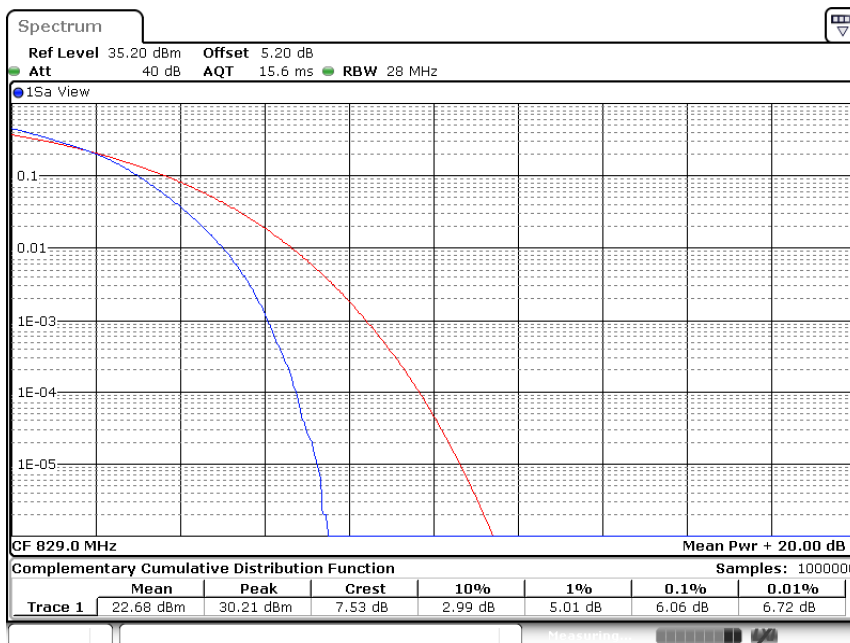
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Band5-10MHz-64QAM-20600-50RB#0



Date: 6.JUL.2020 12:15:05

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

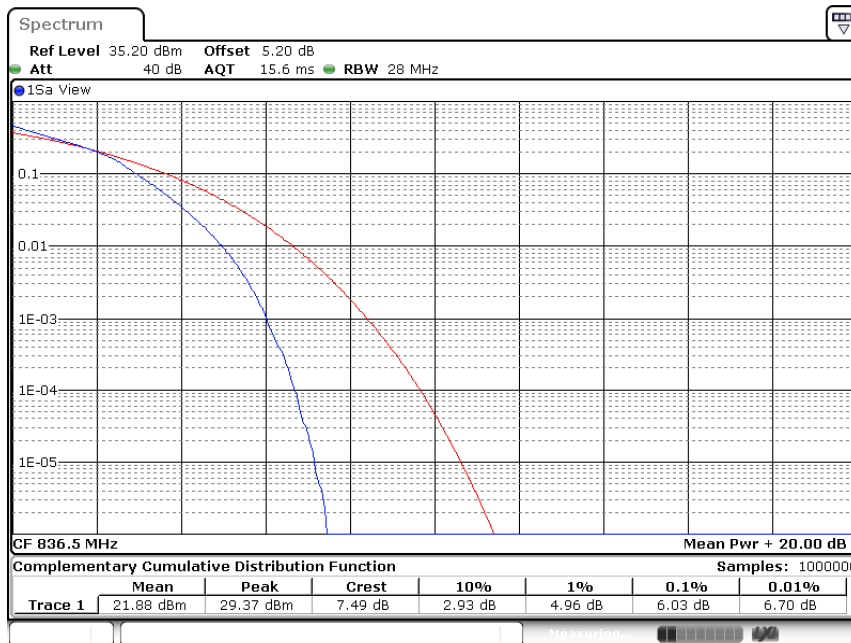


Date: 6.JUL.2020 11:58:15



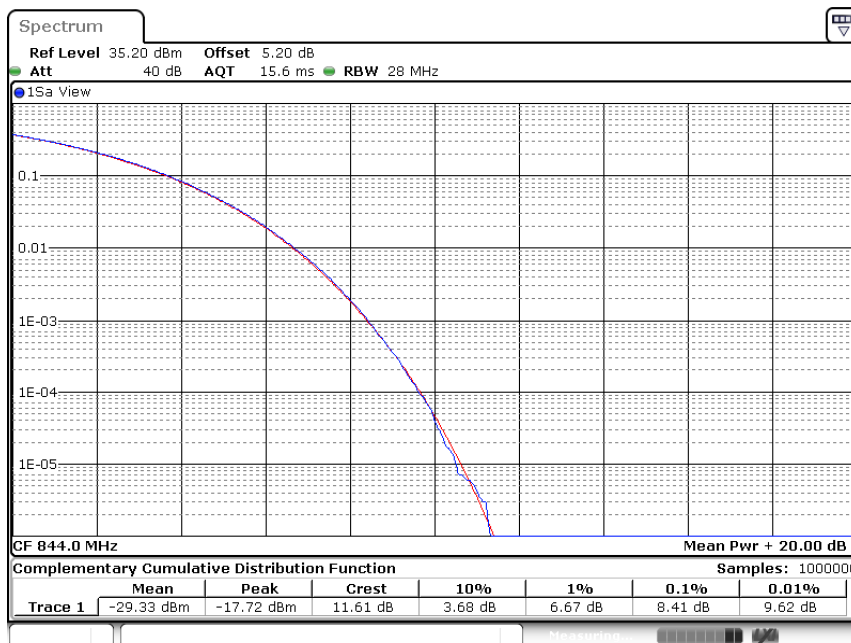
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Band5-10MHz-16QAM-20525-50RB#0



Date: 6.JUL.2020 11:58:38

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



Date: 6.JUL.2020 11:59:50

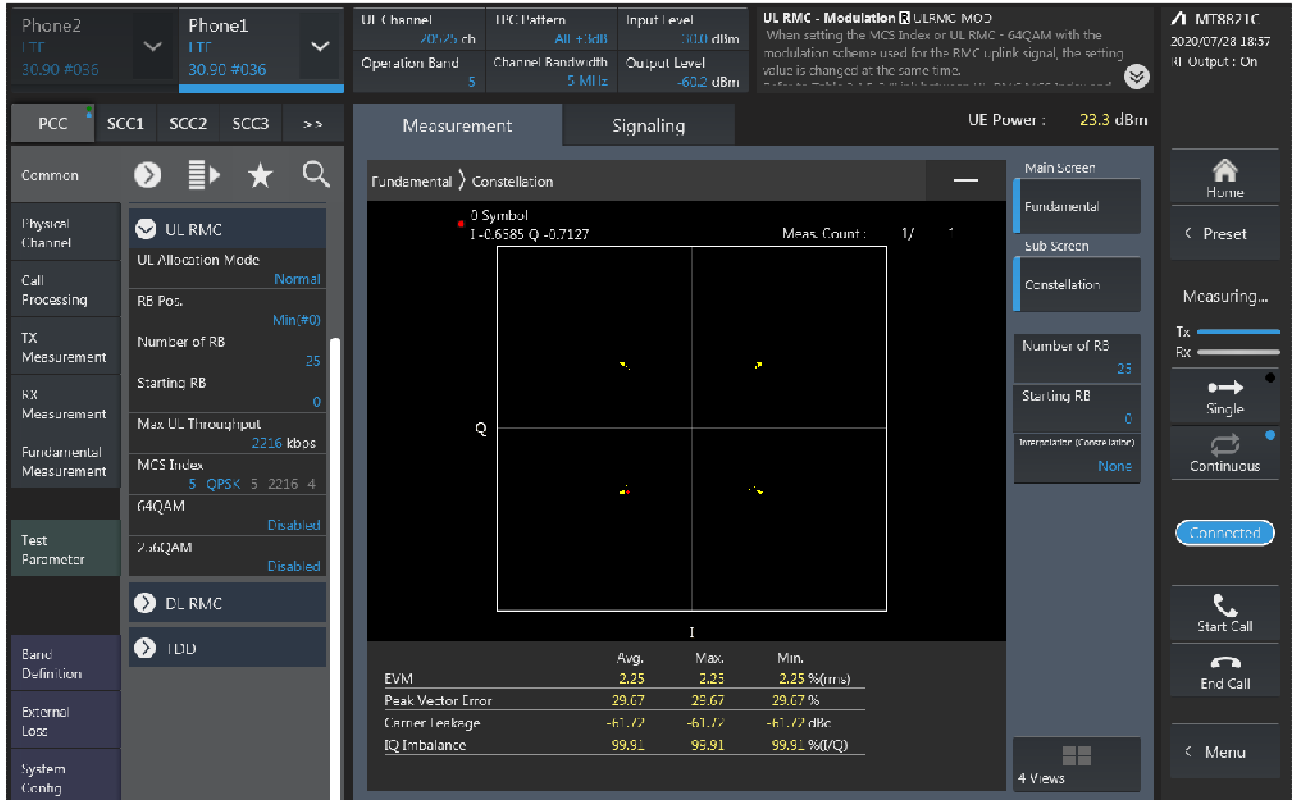


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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 10MHz

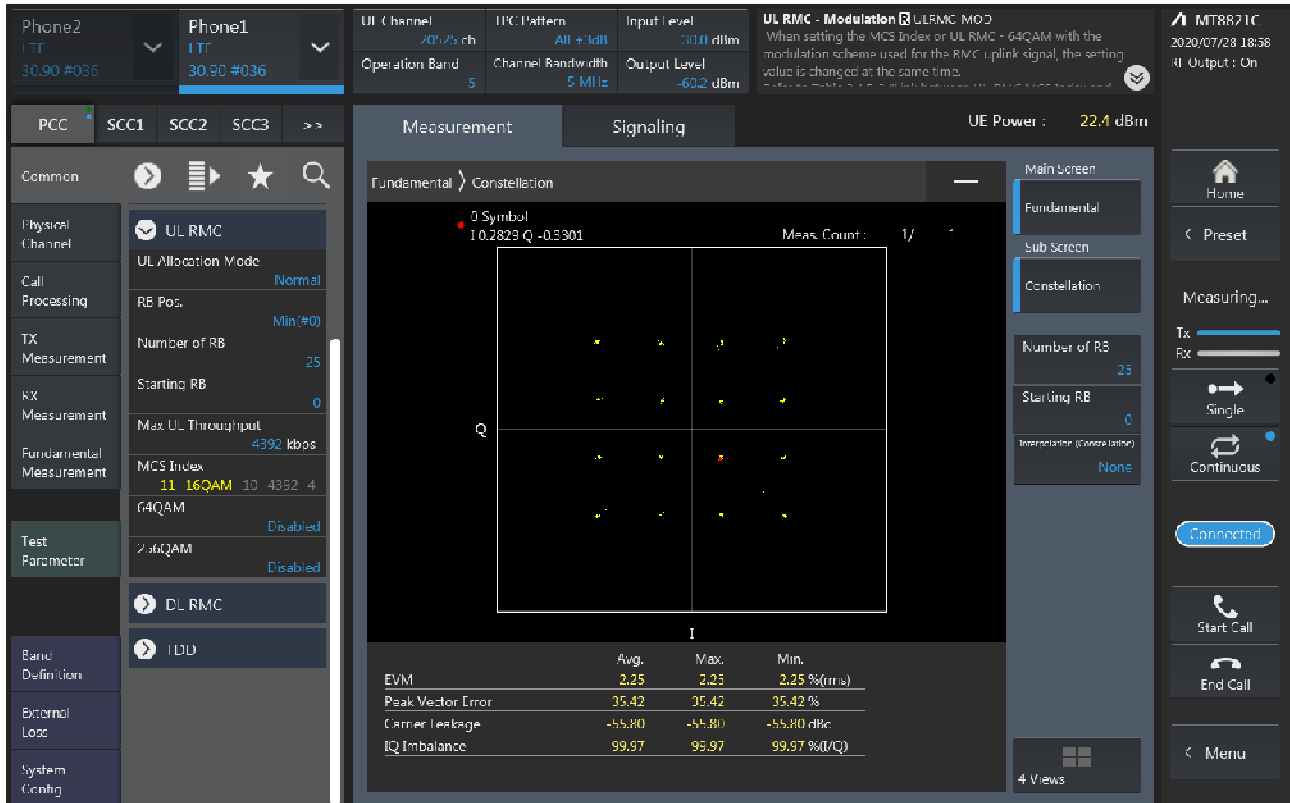
3.1.1. Test Channel = MCH



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3.2. Test Mode = LTE /TM2 10MHz

3.2.1. Test Channel = MCH

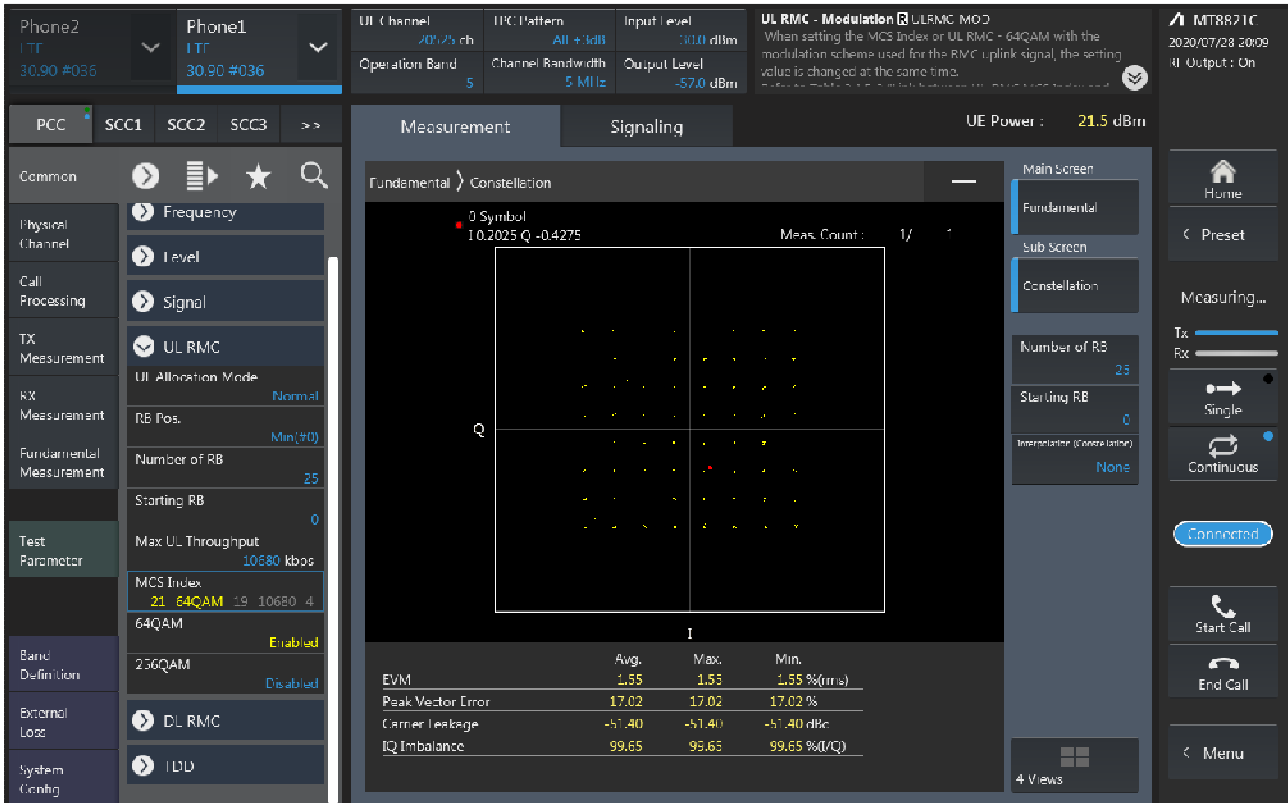


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3.3. Test Mode = LTE /TM3 10MHz

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	1.091	1.299	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.091	1.299	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.091	1.311	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.094	1.287	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.094	1.284	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.094	1.281	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.091	1.293	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.091	1.293	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.091	1.296	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.691	2.928	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.691	2.916	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.691	2.928	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.685	2.910	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.679	2.916	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.685	2.910	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.679	2.910	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.673	2.892	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.673	2.910	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.476	4.820	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.476	4.830	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.476	4.840	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.466	4.820	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.466	4.830	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.476	4.830	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.496	4.860	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.476	4.850	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.476	4.870	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.951	9.640	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.931	9.580	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.951	9.640	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.931	9.540	PASS



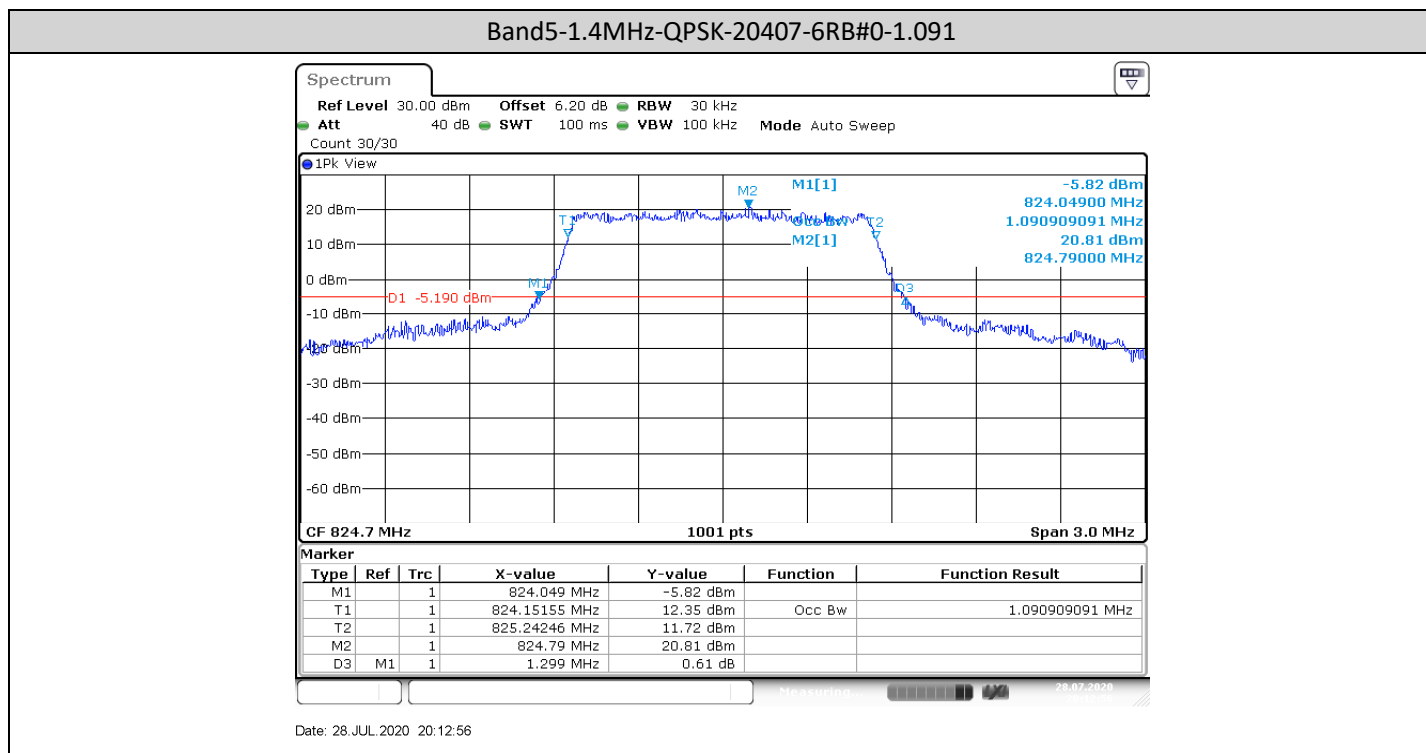
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Band5	10MHz	64QAM	20525	50RB#0	8.911	9.600	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.931	9.560	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.951	9.620	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.931	9.640	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.931	9.820	PASS

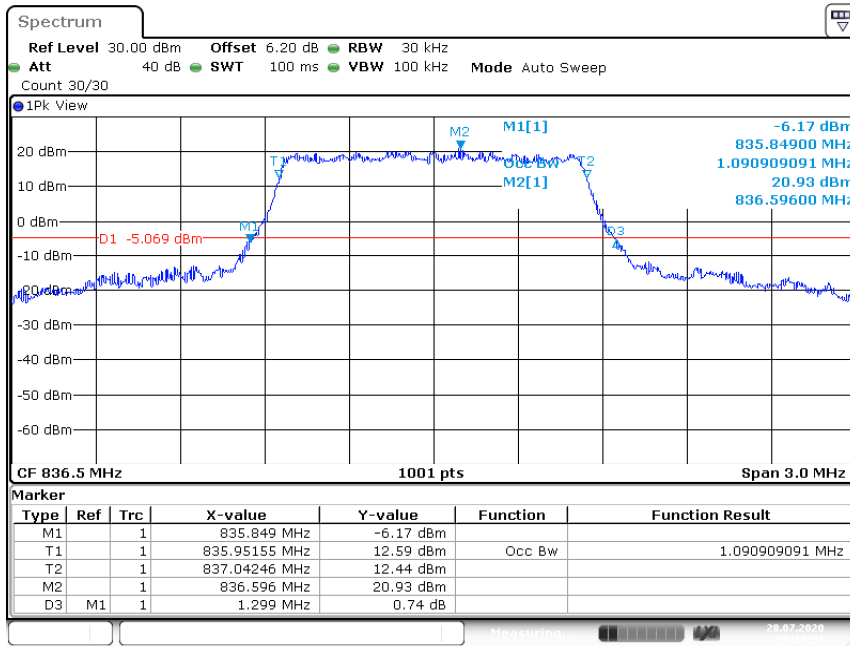
4.2. Test Plots



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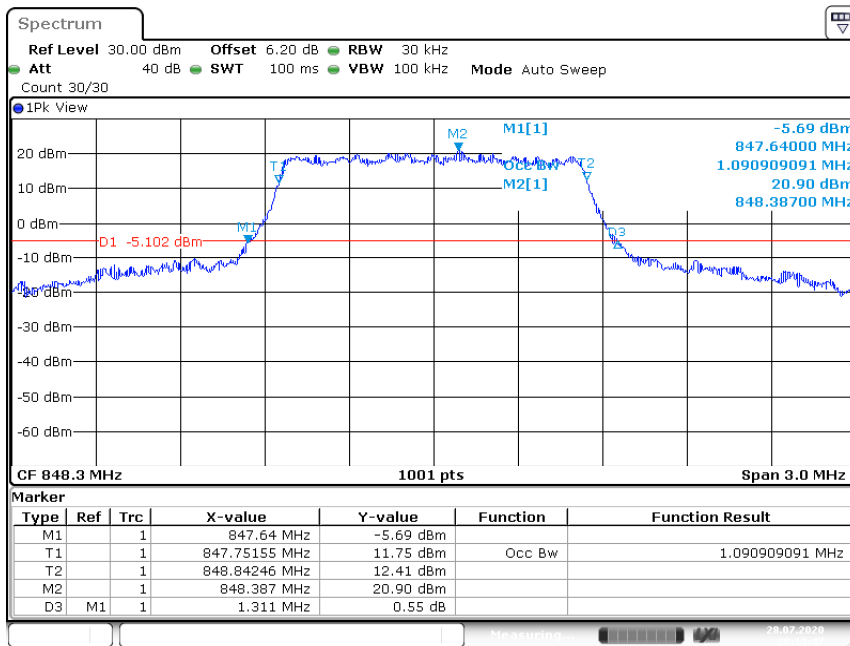
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Band5-1.4MHz-QPSK-20525-6RB#0-1.091



Date: 28 JUL 2020 20:13:21

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



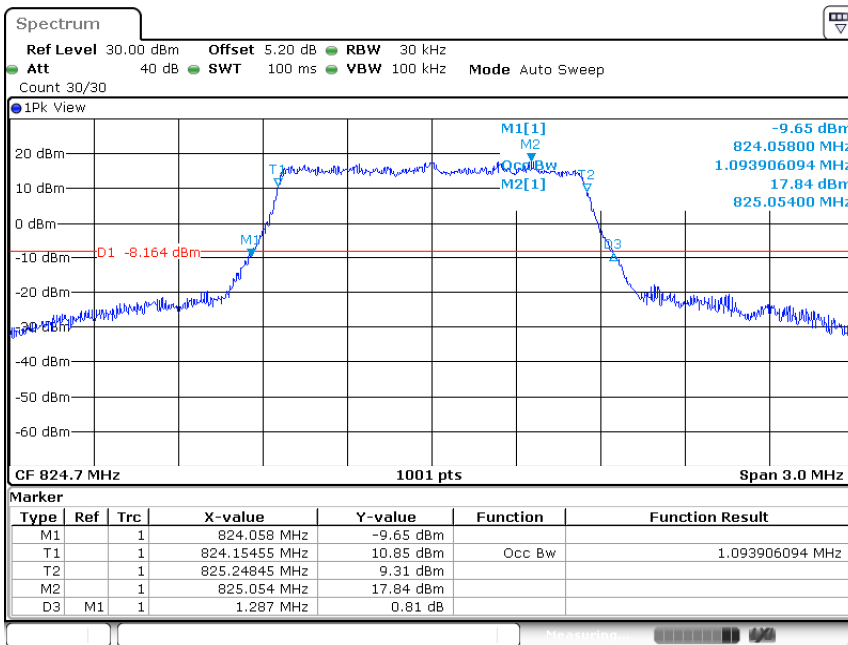
Date: 28 JUL 2020 20:13:47



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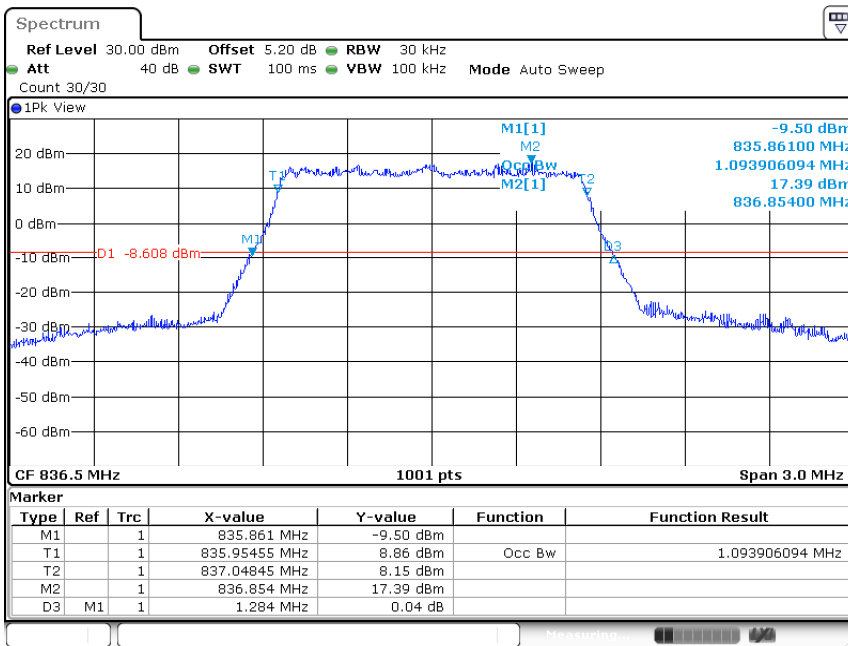
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Band5-1.4MHz-64QAM-20407-6RB#0-1.094



Date: 29 JUL 2020 18:28:19

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

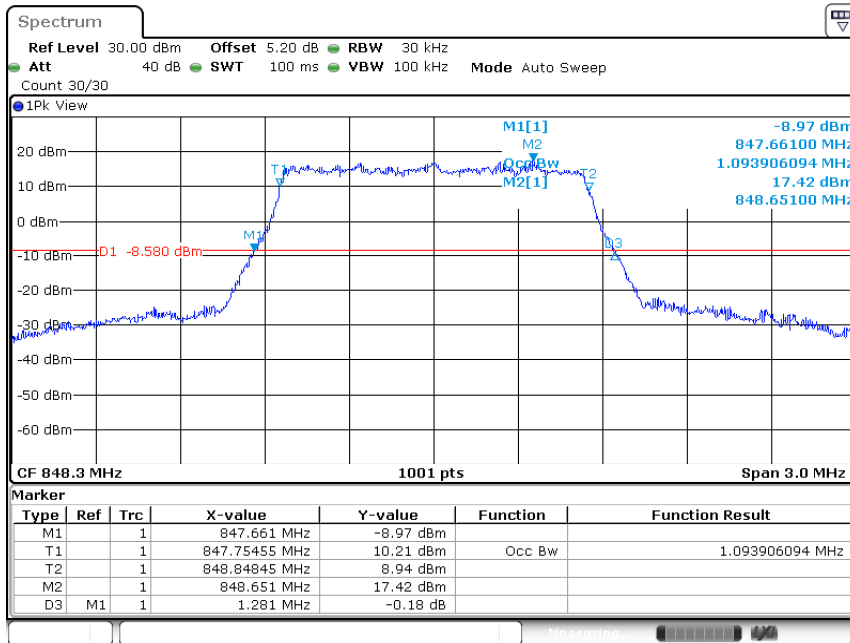


Date: 29 JUL 2020 18:28:32



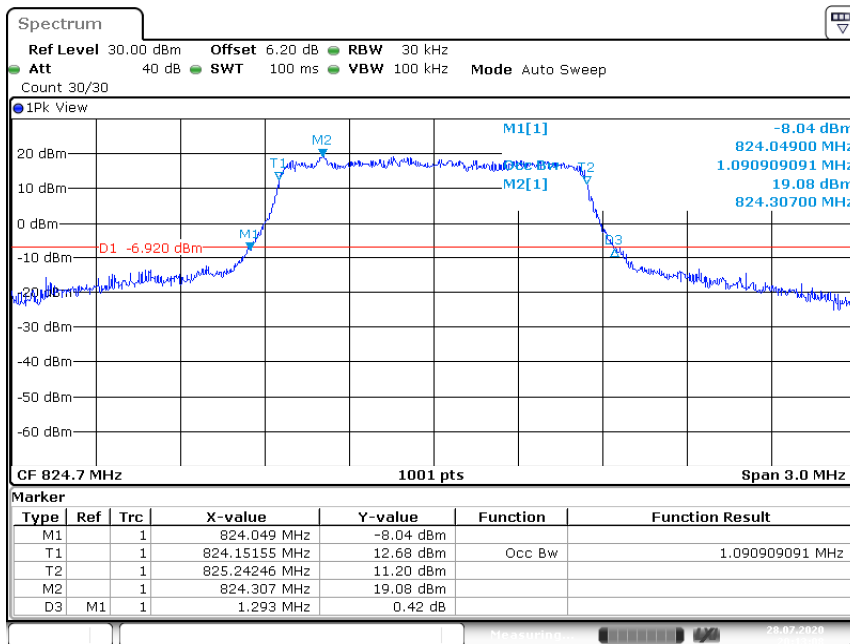
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Band5-1.4MHz-64QAM-20643-6RB#0-1.094



Date: 29 JUL 2020 18:28:45

Band5-1.4MHz-16QAM-20407-6RB#0-1.091



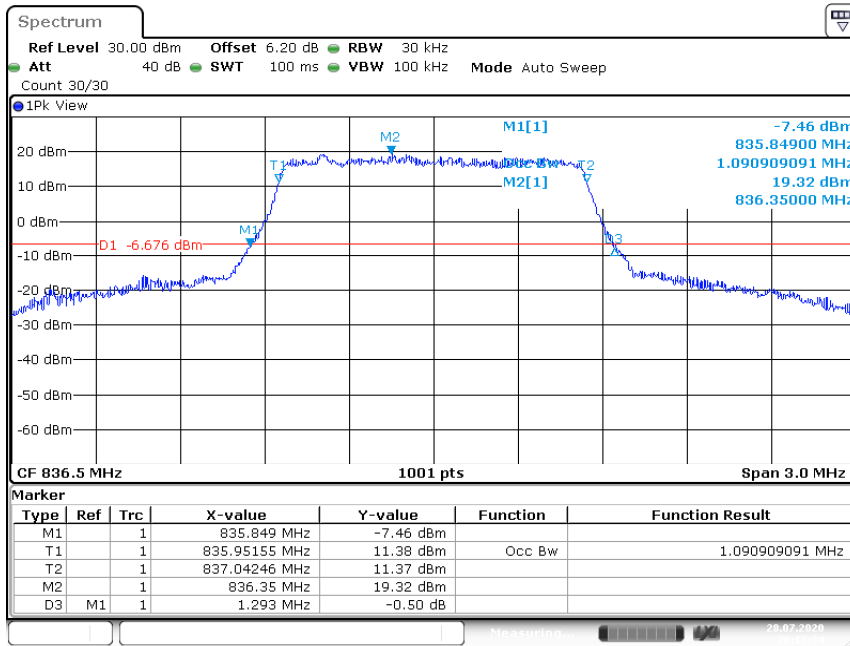
Date: 28 JUL 2020 20:13:09



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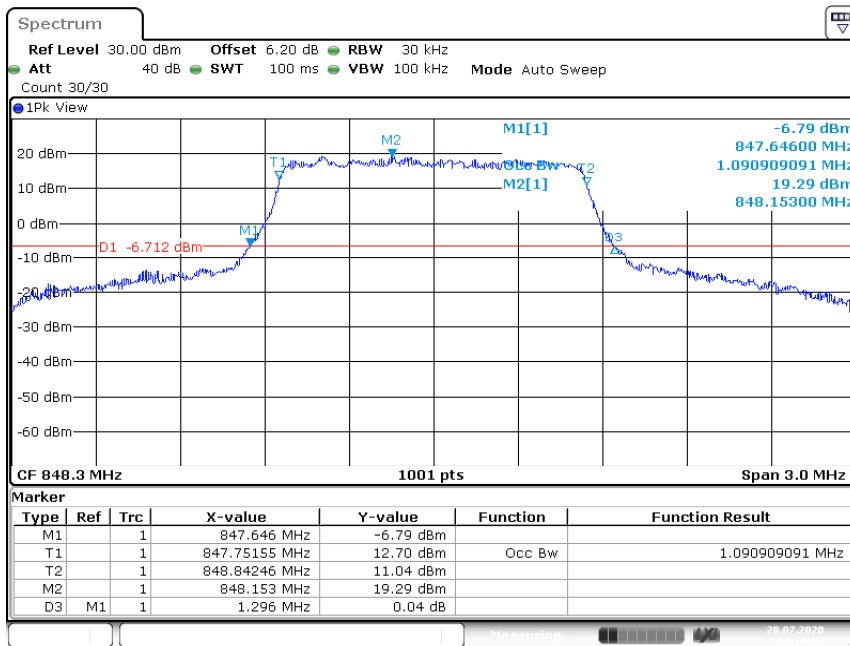
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Band5-1.4MHz-16QAM-20525-6RB#0-1.091



Date: 28 JUL 2020 20:13:34

Band5-1.4MHz-16QAM-20643-6RB#0-1.091

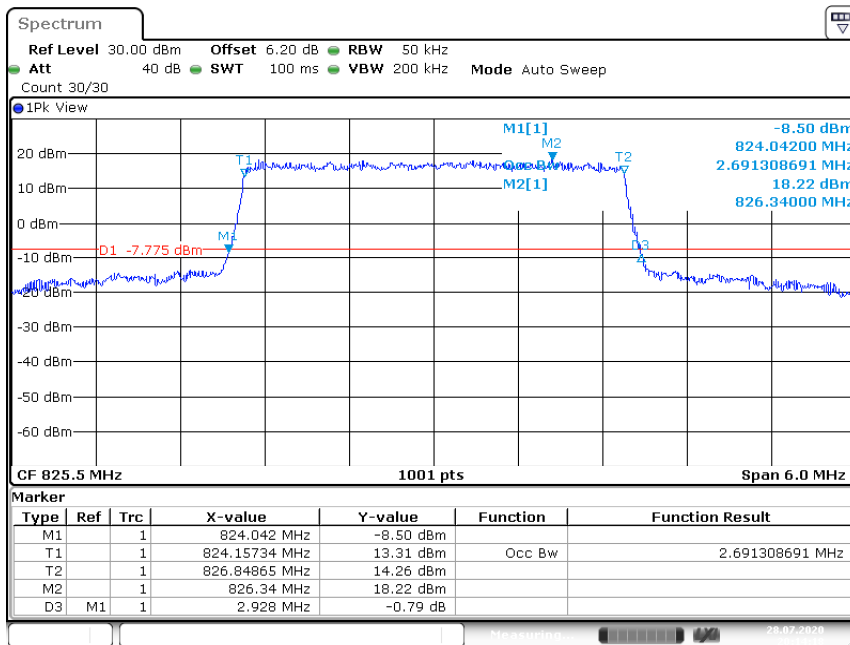


Date: 28 JUL 2020 20:14:00



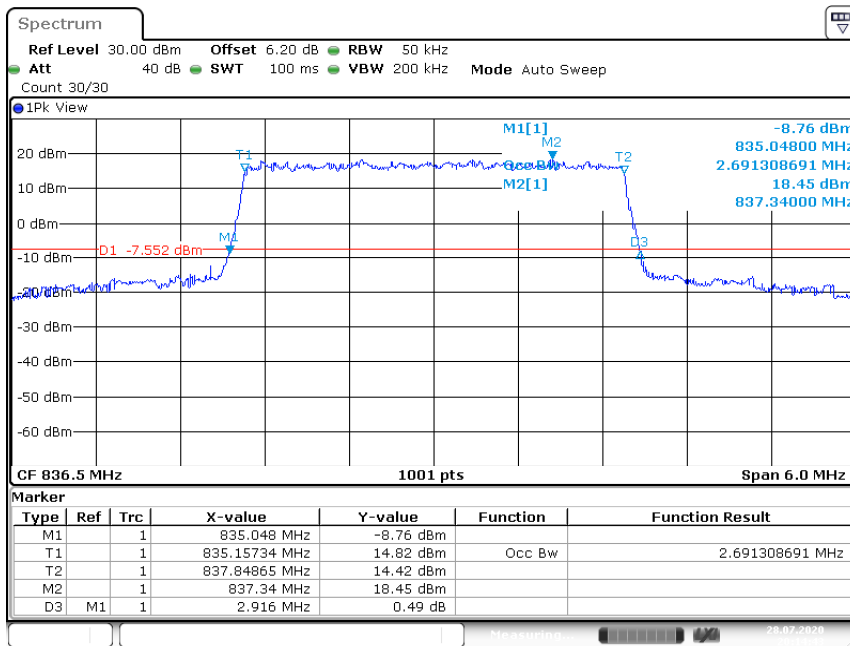
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Band5-3MHz-QPSK-20415-15RB#0-2.691



Date: 28 JUL 2020 20:14:18

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

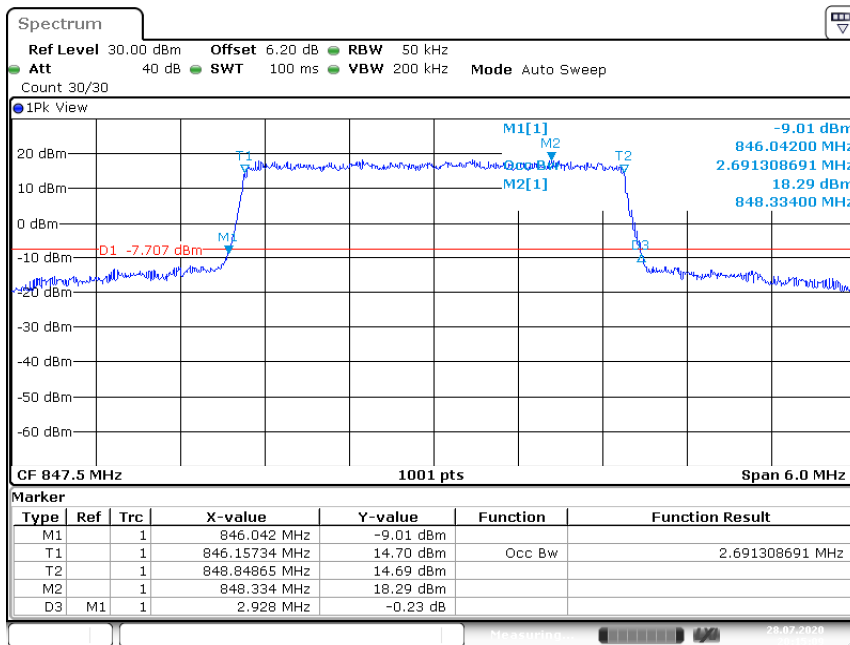


Date: 28 JUL 2020 20:14:44



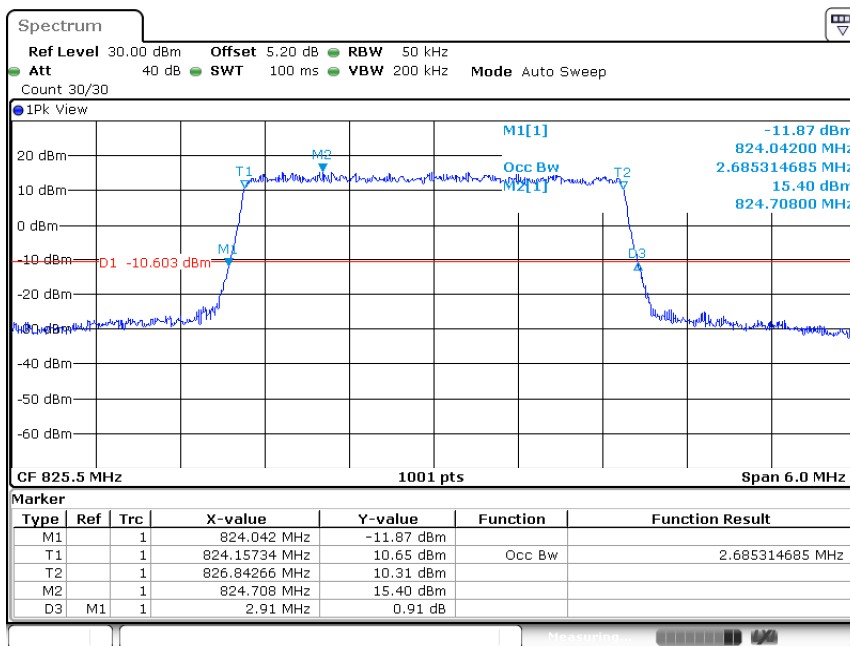
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Band5-3MHz-QPSK-20635-15RB#0-2.691



Date: 28 JUL 2020 20:15:09

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

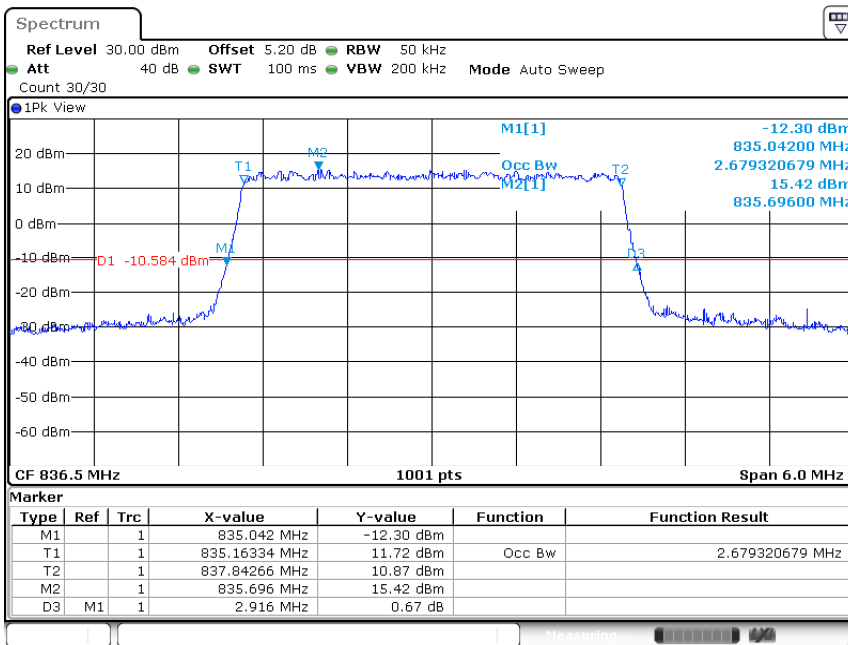


Date: 29 JUL 2020 18:29:14



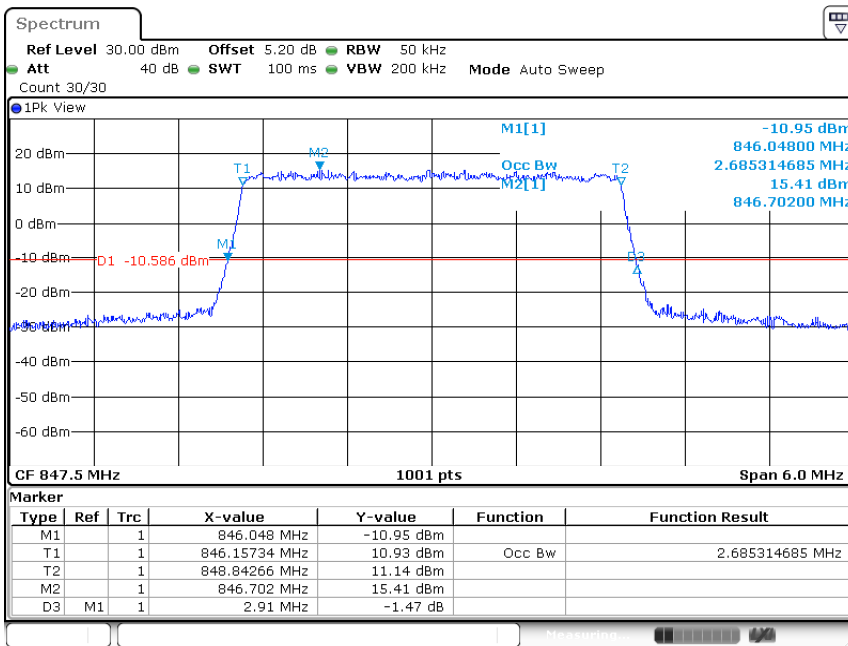
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Band5-3MHz-64QAM-20525-15RB#0-2.679



Date: 29.JUL.2020 18:29:27

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



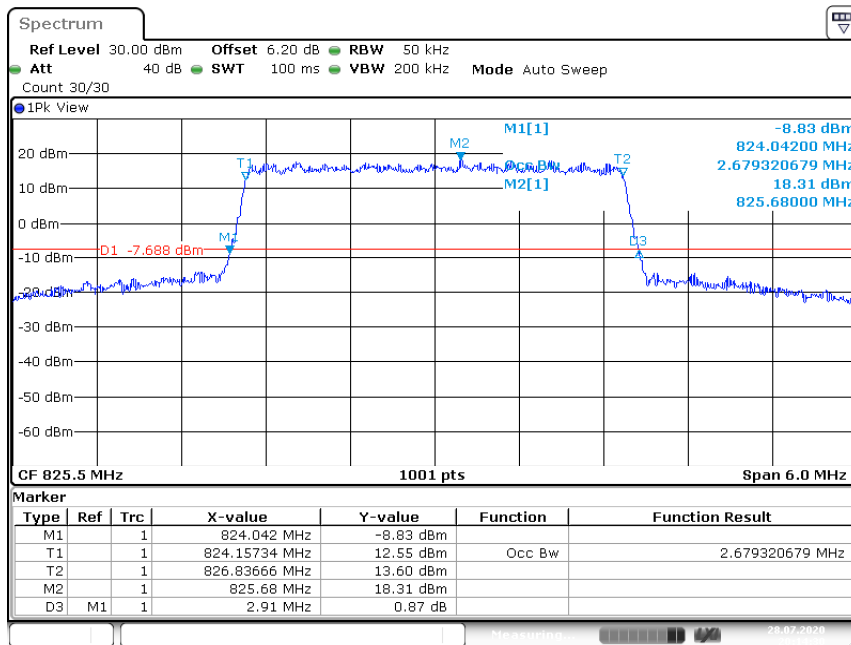
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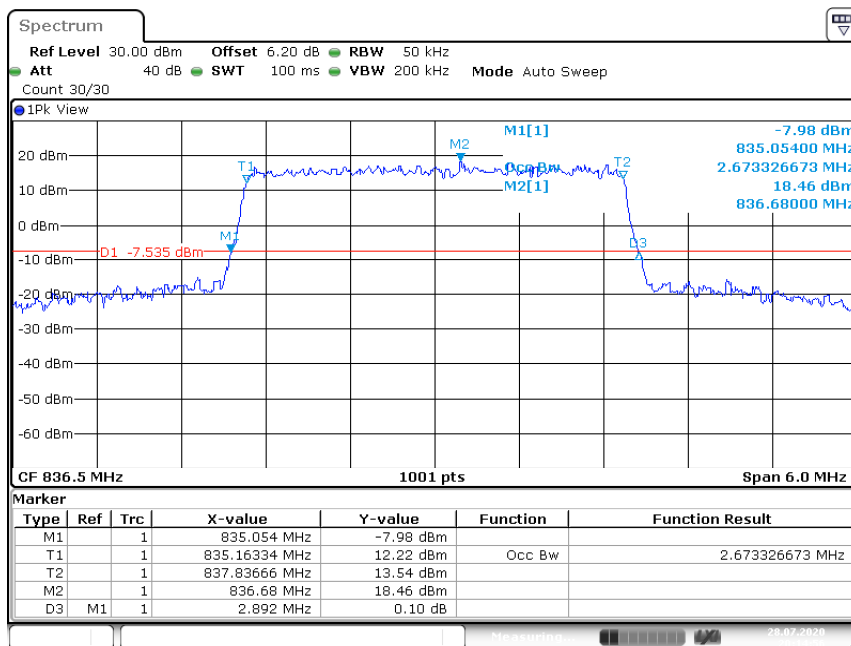
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Band5-3MHz-16QAM-20415-15RB#0-2.679



Date: 28 JUL 2020 20:14:31

Band5-3MHz-16QAM-20525-15RB#0-2.673

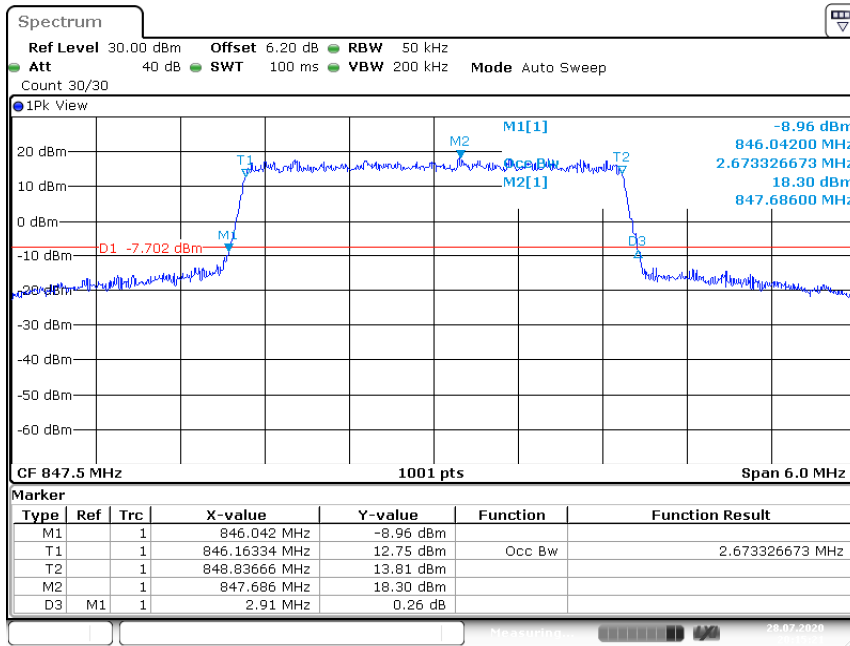


Date: 28 JUL 2020 20:14:56



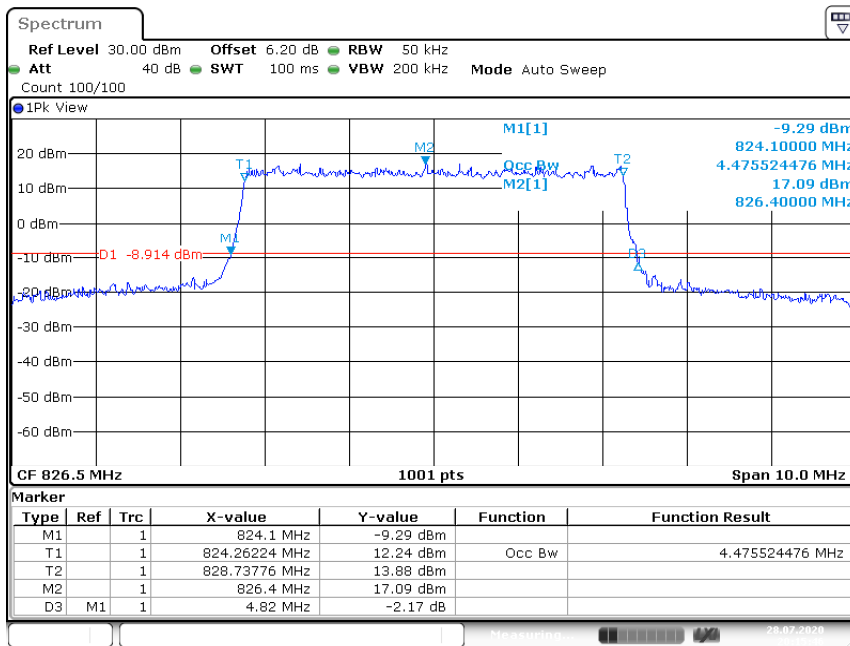
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Band5-3MHz-16QAM-20635-15RB#0-2.673



Date: 28 JUL 2020 20:15:22

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



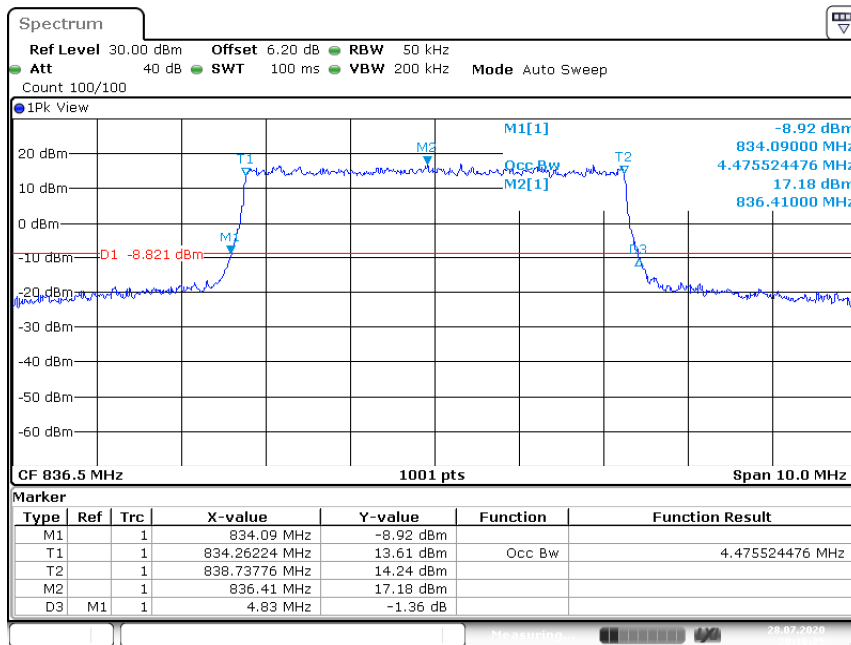
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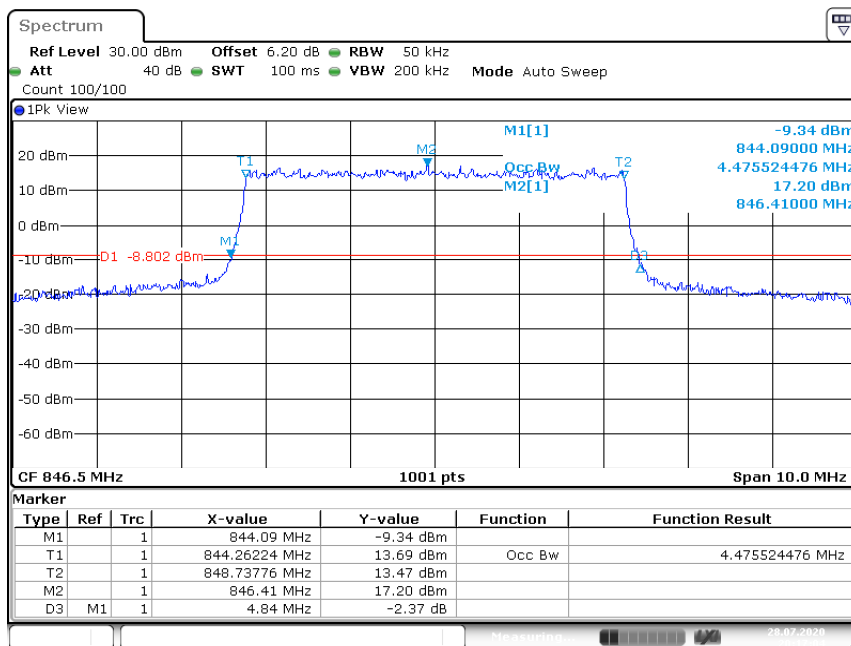
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Band5-5MHz-QPSK-20525-25RB#0-4.476



Date: 28 JUL 2020 20:16:26

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



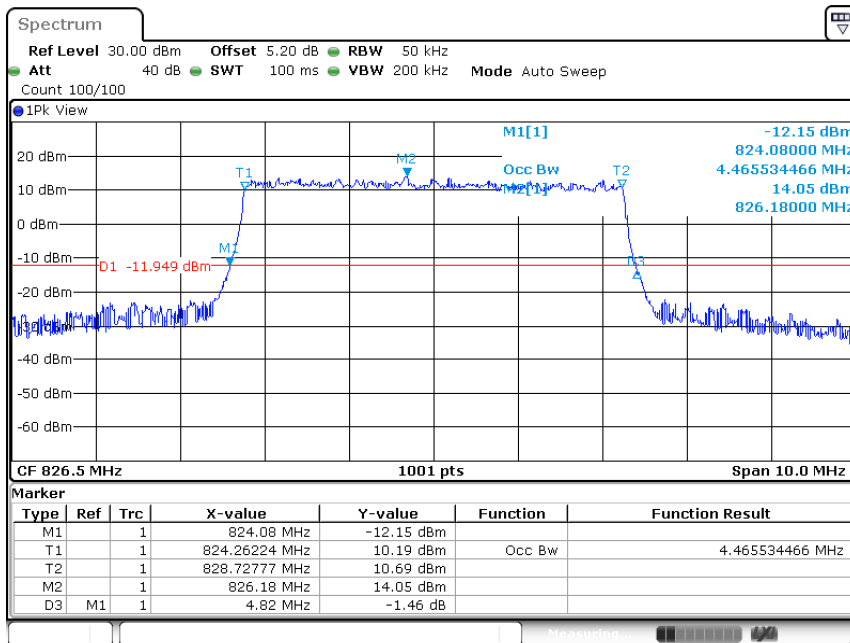
Date: 28 JUL 2020 20:17:05



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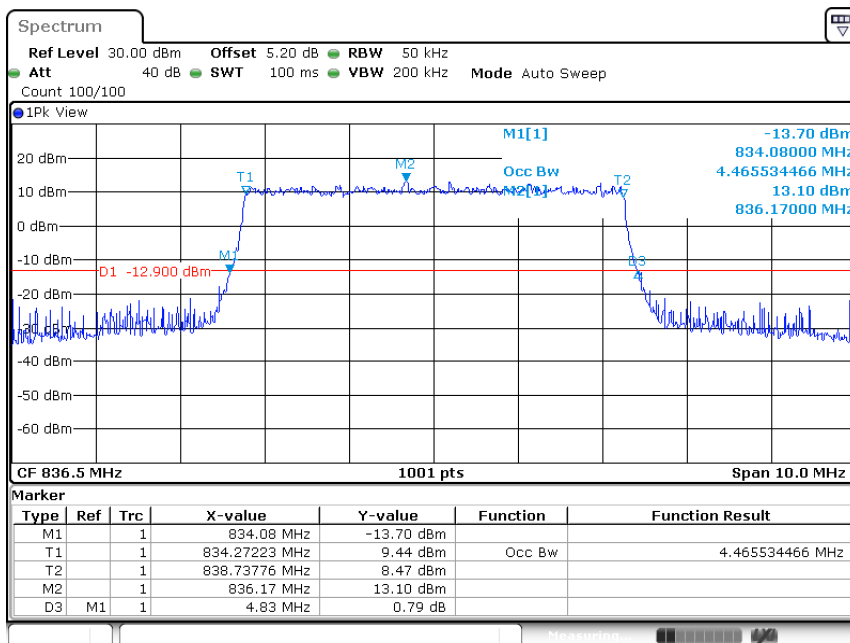
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Band5-5MHz-64QAM-20425-25RB#0-4.466



Date: 6.JUL.2020 12:00:43

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

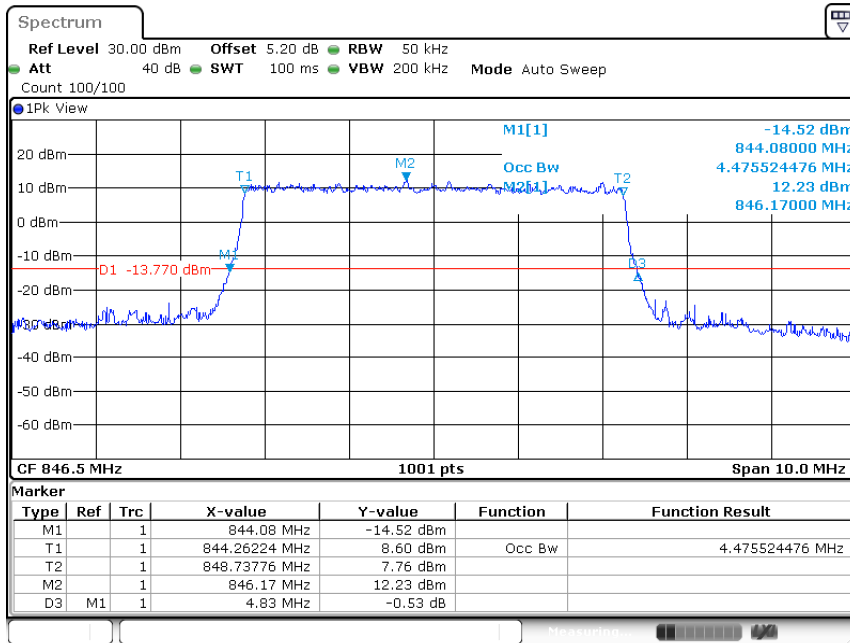


Date: 6.JUL.2020 12:01:03



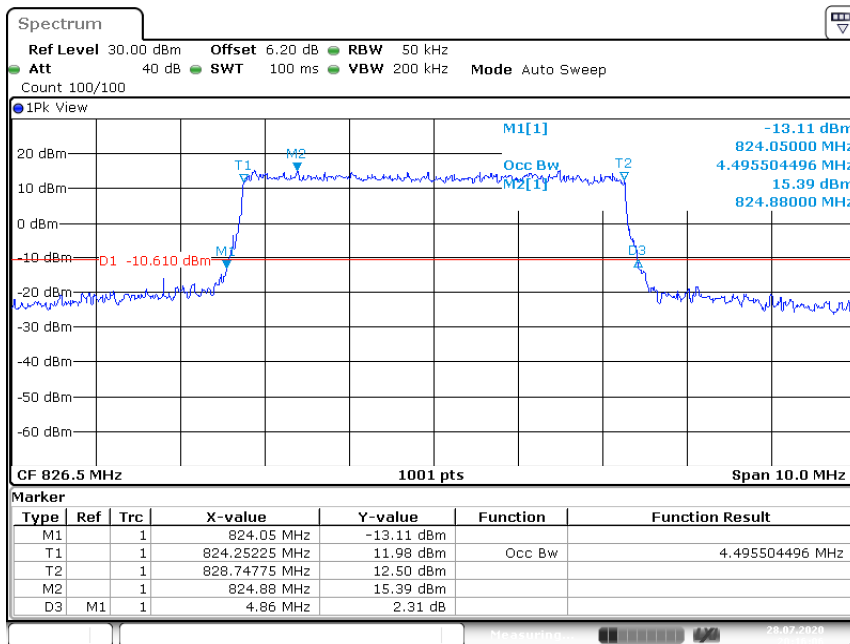
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Band5-5MHz-64QAM-20625-25RB#0-4.476



Date: 6.JUL.2020 12:01:23

Band5-5MHz-16QAM-20425-25RB#0-4.496



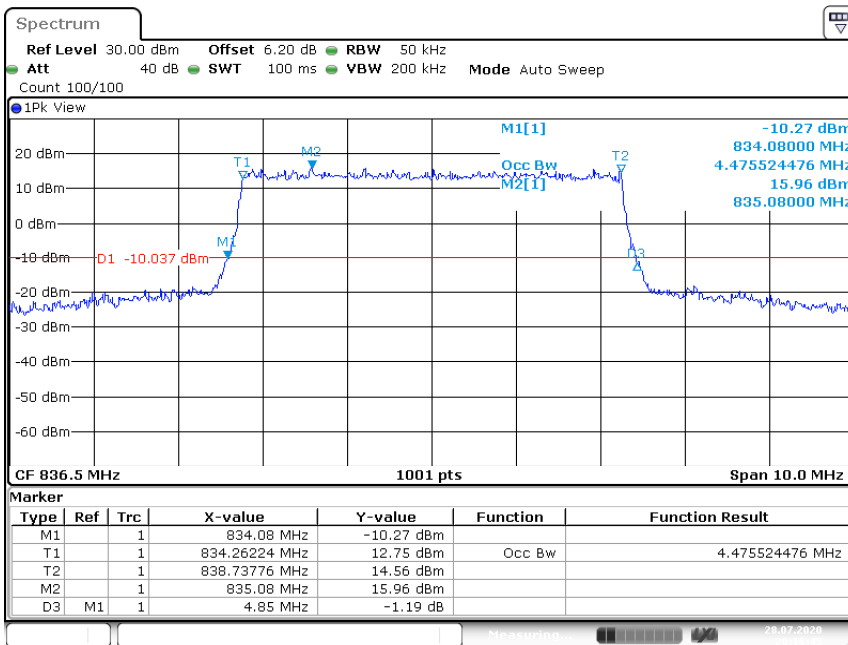
Date: 28.JUL.2020 20:16:06



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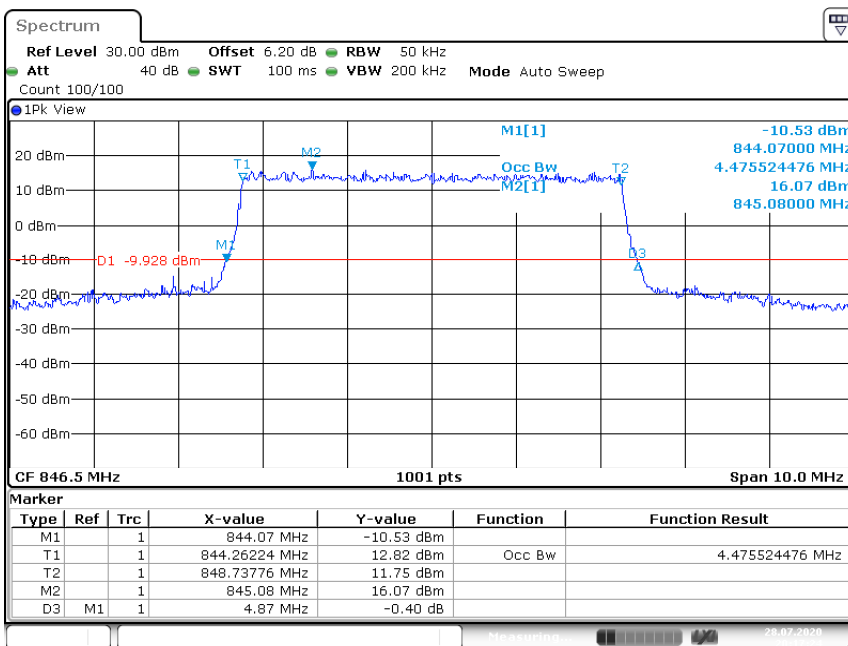
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Band5-5MHz-16QAM-20525-25RB#0-4.476



Date: 28 JUL 2020 20:16:45

Band5-5MHz-16QAM-20625-25RB#0-4.476

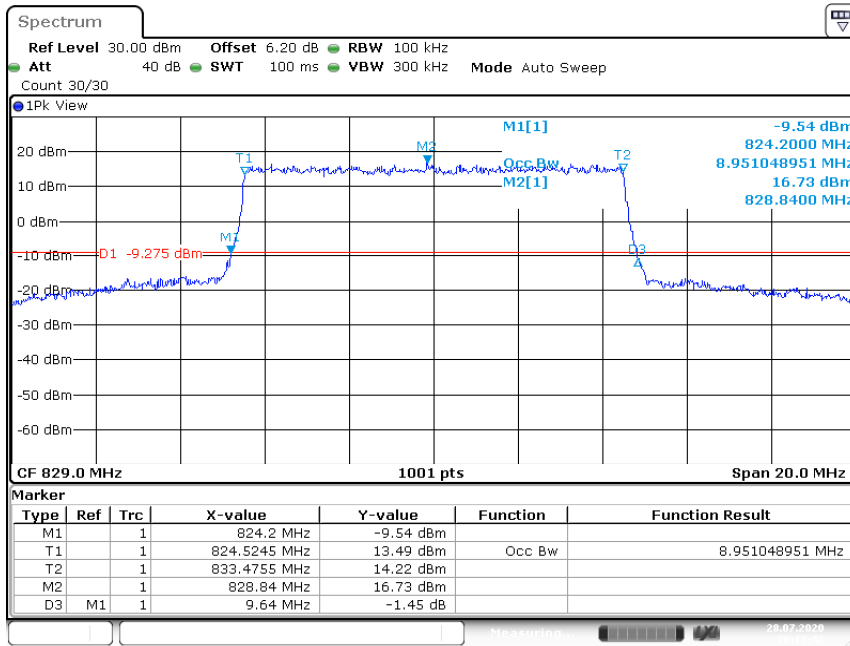


Date: 28 JUL 2020 20:17:24



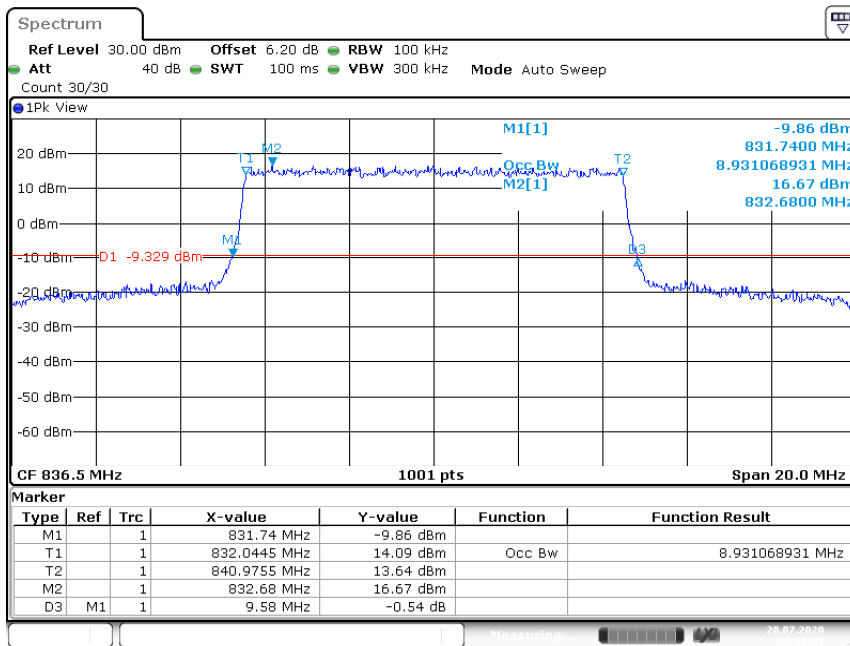
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Band5-10MHz-QPSK-20450-50RB#0-8.951



Date: 28 JUL 2020 20:17:42

Band5-10MHz-QPSK-20525-50RB#0-8.931



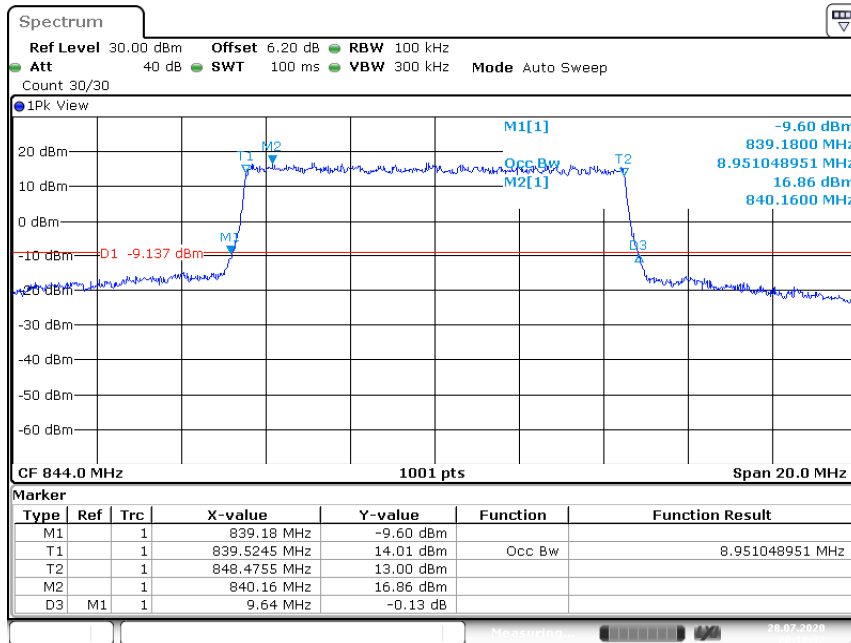
Date: 28 JUL 2020 20:18:07



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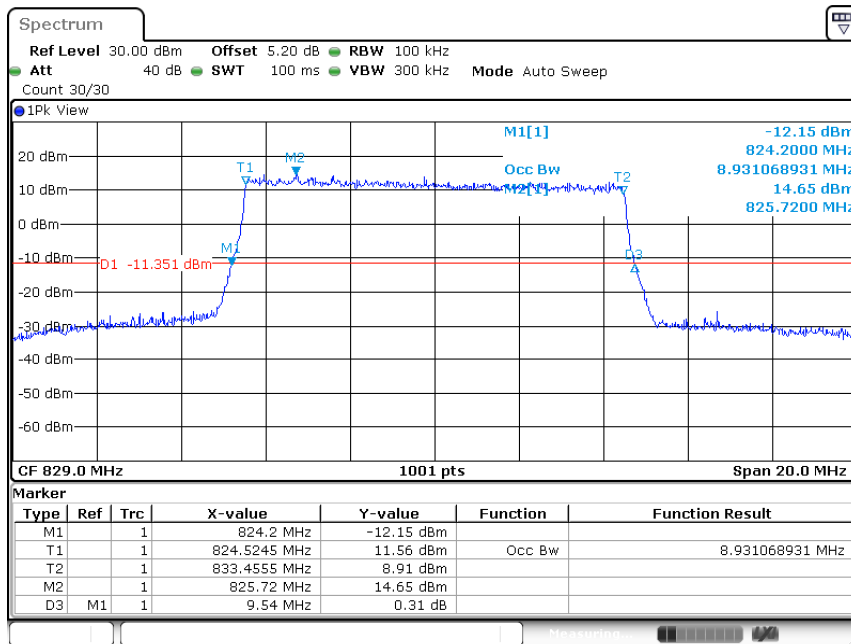
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Band5-10MHz-QPSK-20600-50RB#0-8.951



Date: 28 JUL 2020 20:18:32

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



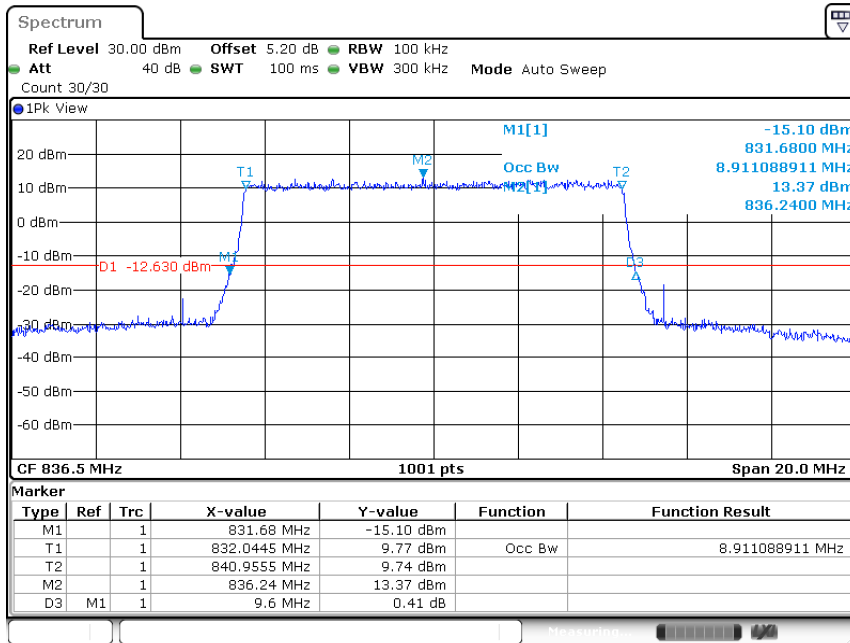
Date: 6 JUL 2020 12:01:40



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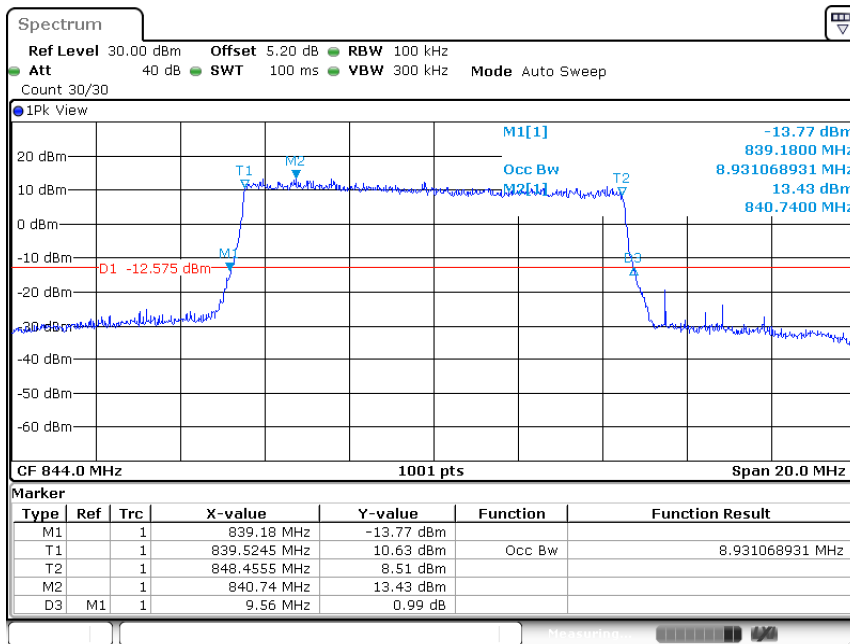
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Band5-10MHz-64QAM-20525-50RB#0-8.911



Date: 6.JUL.2020 12:01:53

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

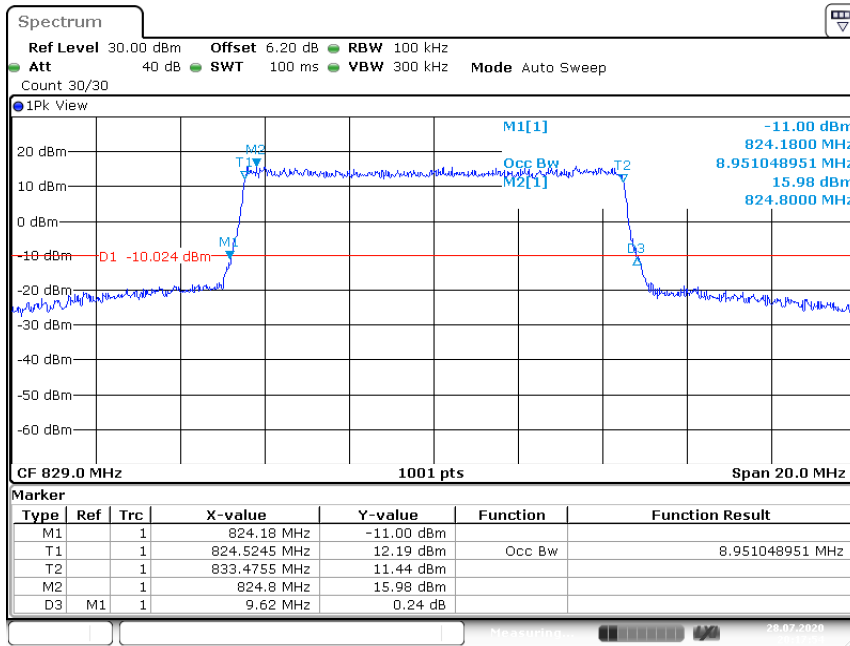


Date: 6.JUL.2020 12:02:06



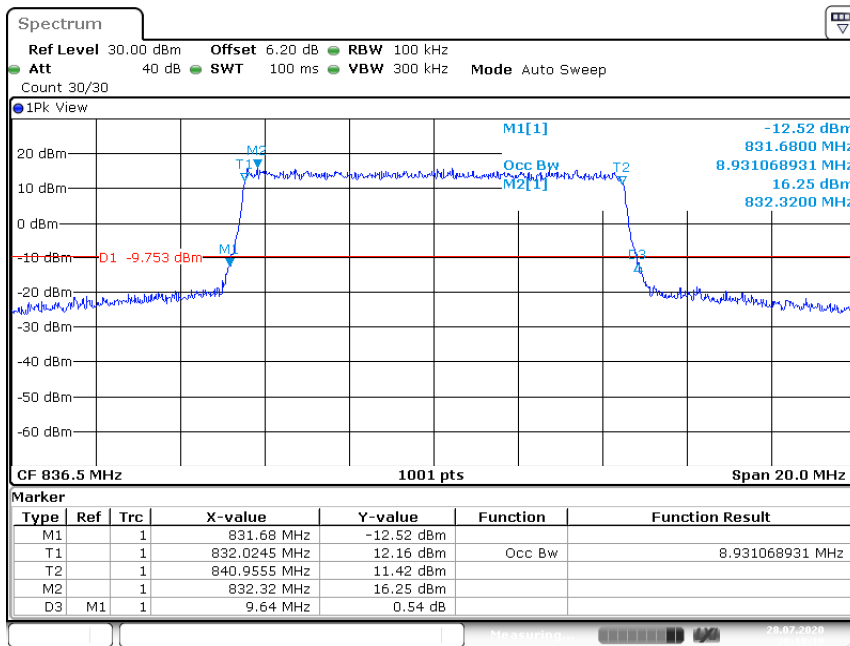
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Band5-10MHz-16QAM-20450-50RB#0-8.951



Date: 28 JUL 2020 20:17:54

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

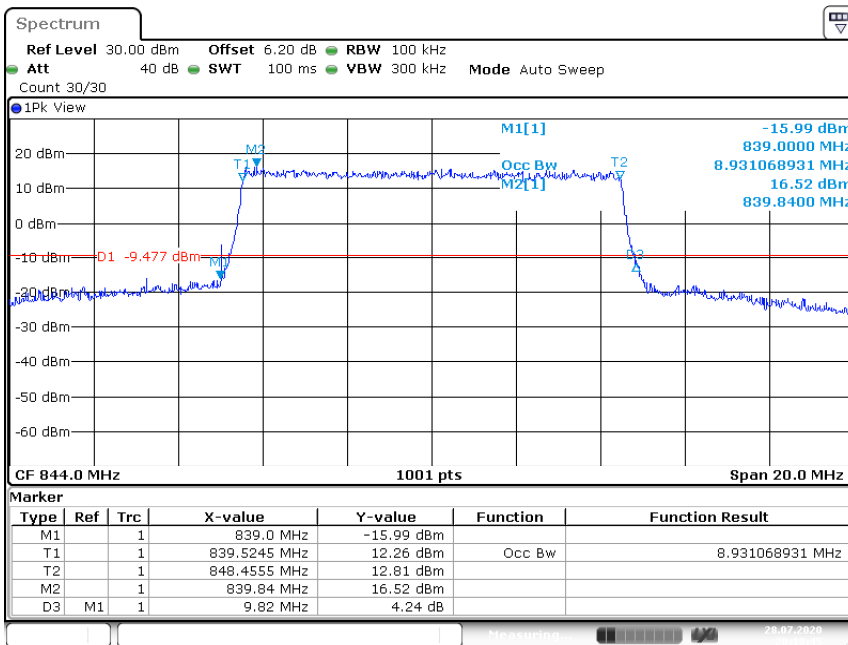


Date: 28 JUL 2020 20:18:20



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Band5-10MHz-16QAM-20600-50RB#0-8.931



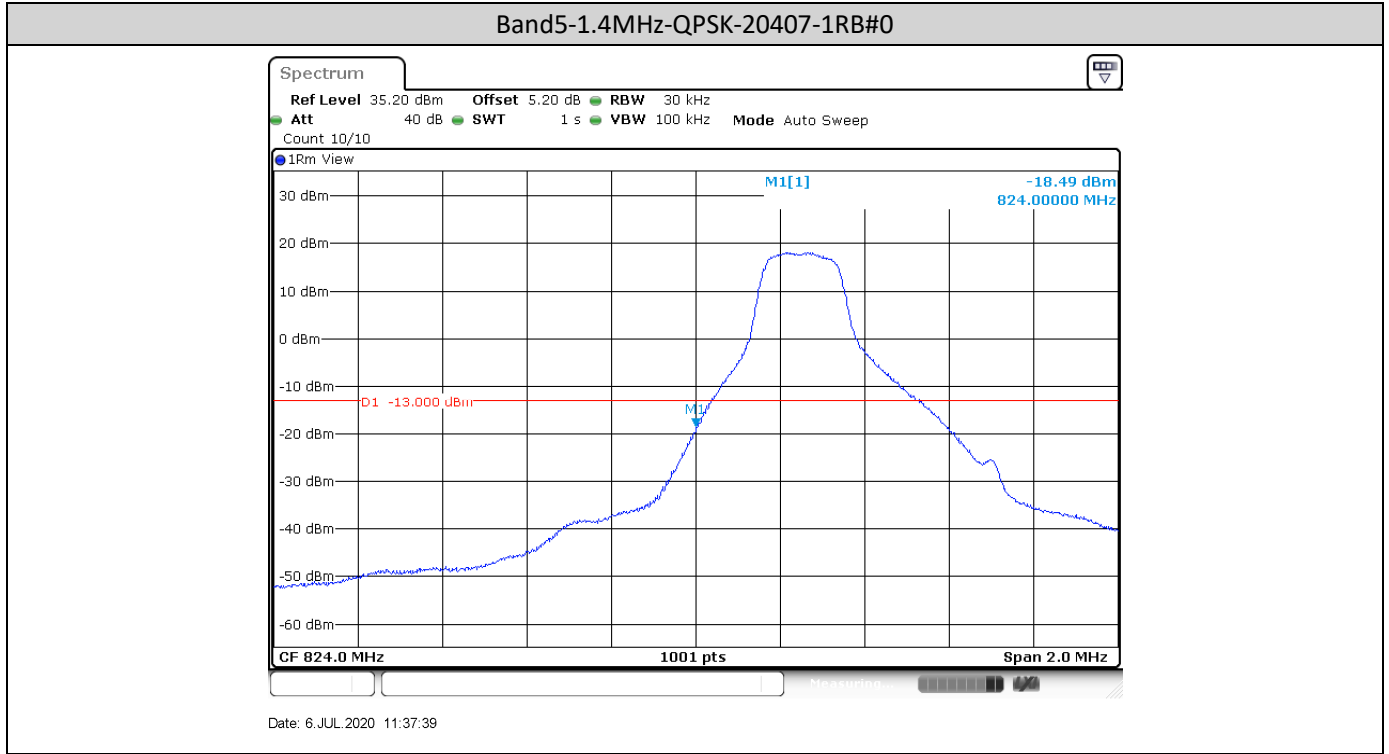
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5. Band Edge Compliance

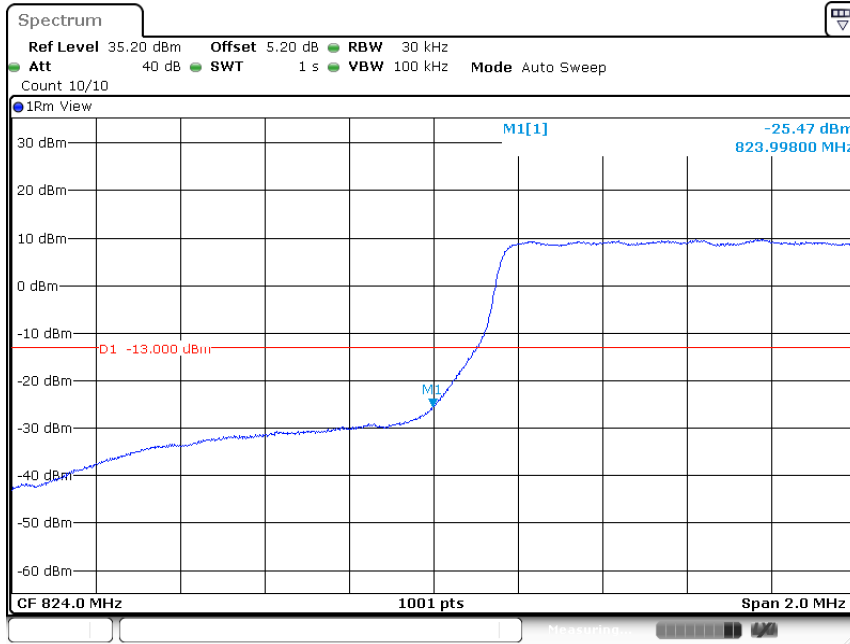
5.1. Test Plots



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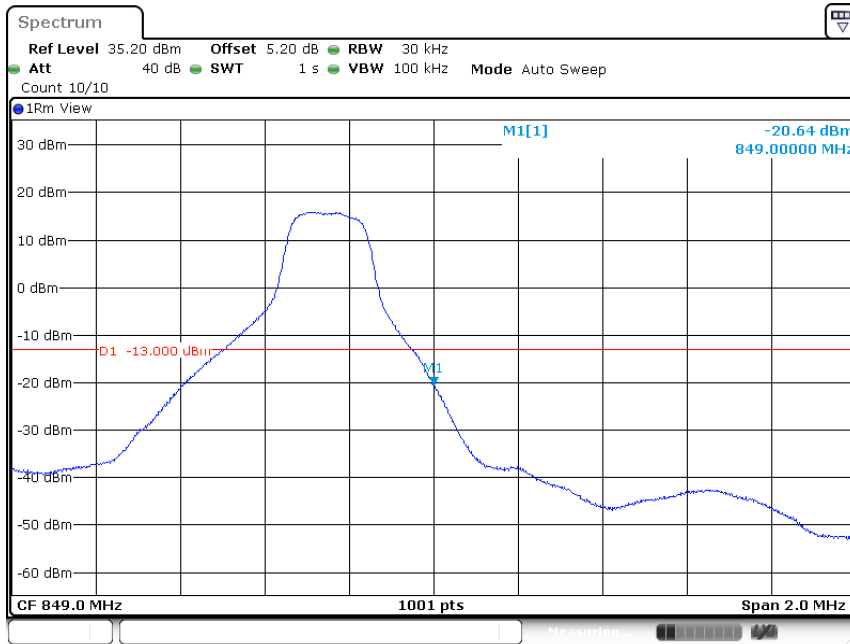
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Band5-1.4MHz-QPSK-20407-6RB#0



Date: 6.JUL.2020 11:38:20

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

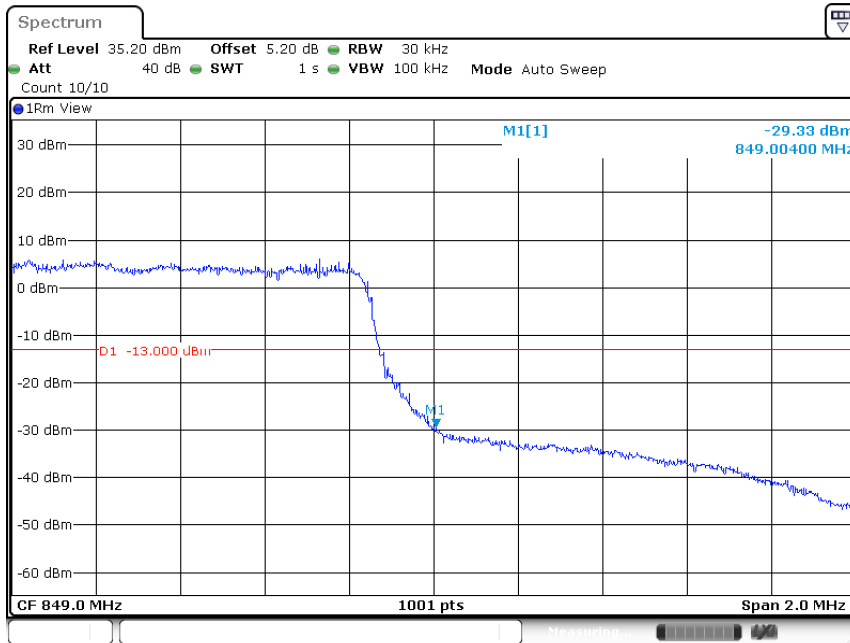


Date: 6.JUL.2020 11:39:05



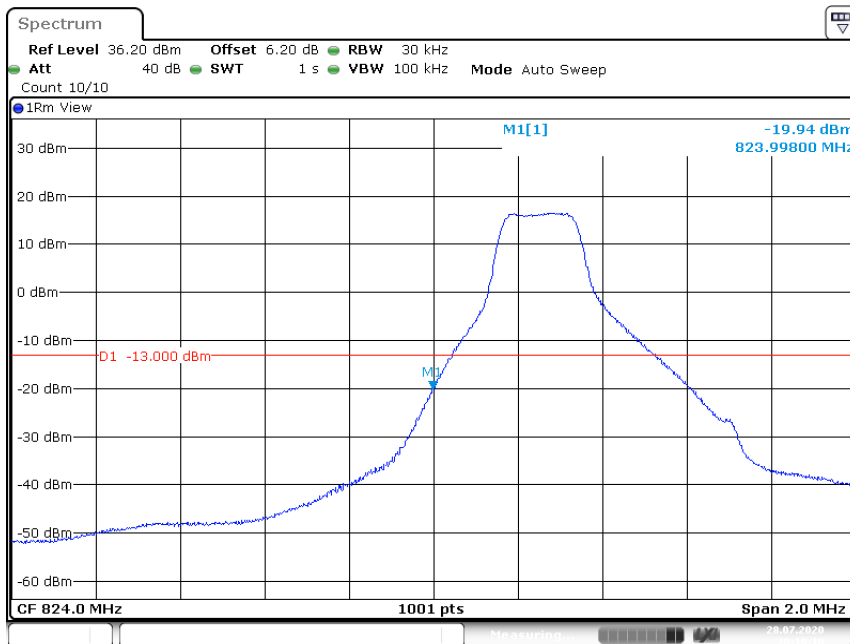
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Band5-1.4MHz-QPSK-20643-6RB#0



Date: 6 JUL 2020 11:39:46

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

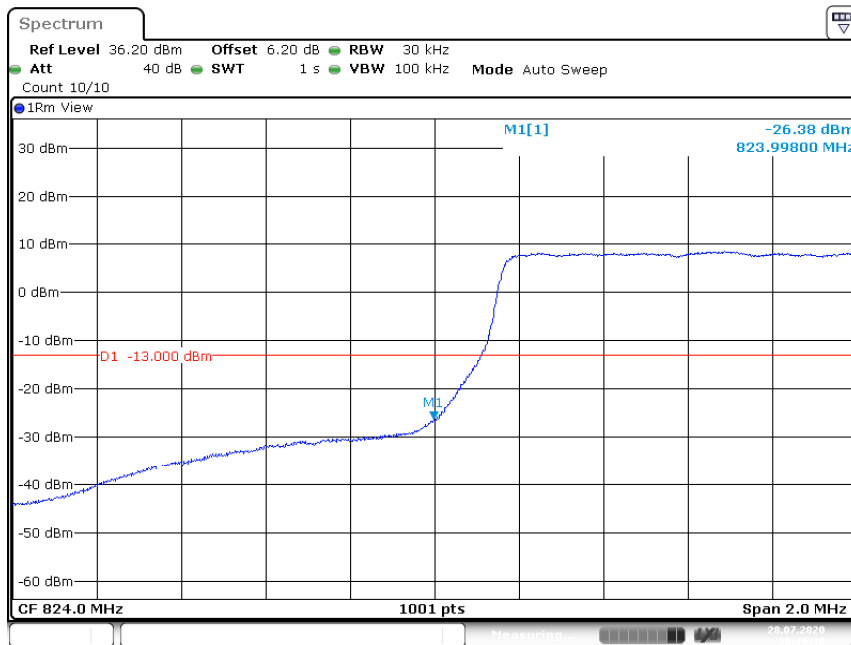


Date: 28 JUL 2020 20:19:11



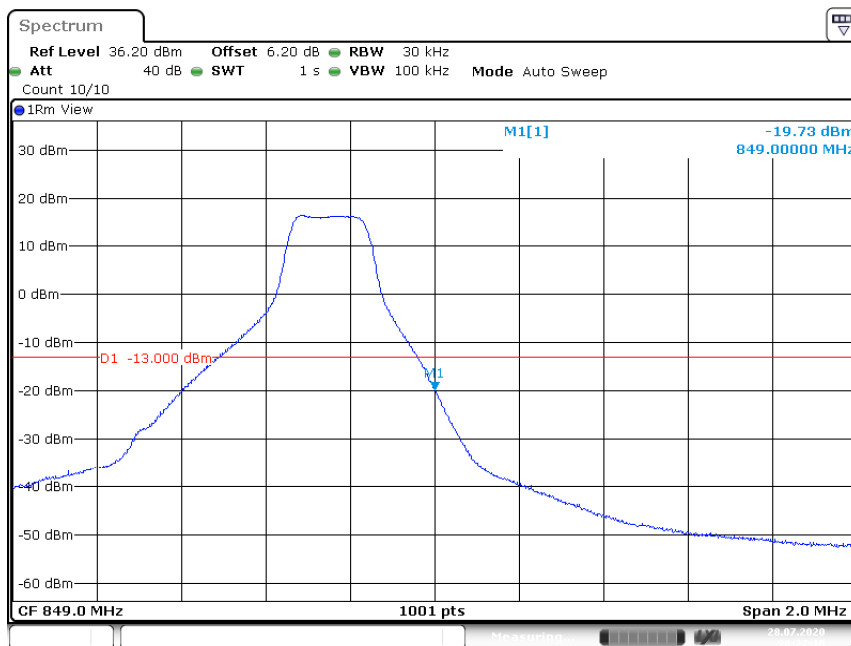
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Band5-1.4MHz-64QAM-20407-6RB#0



Date: 28 JUL 2020 20:19:31

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

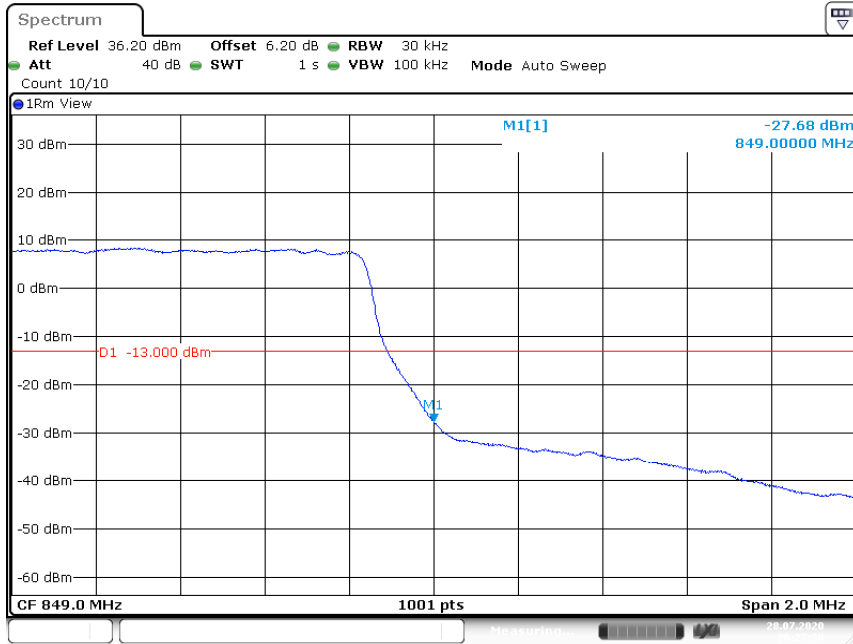


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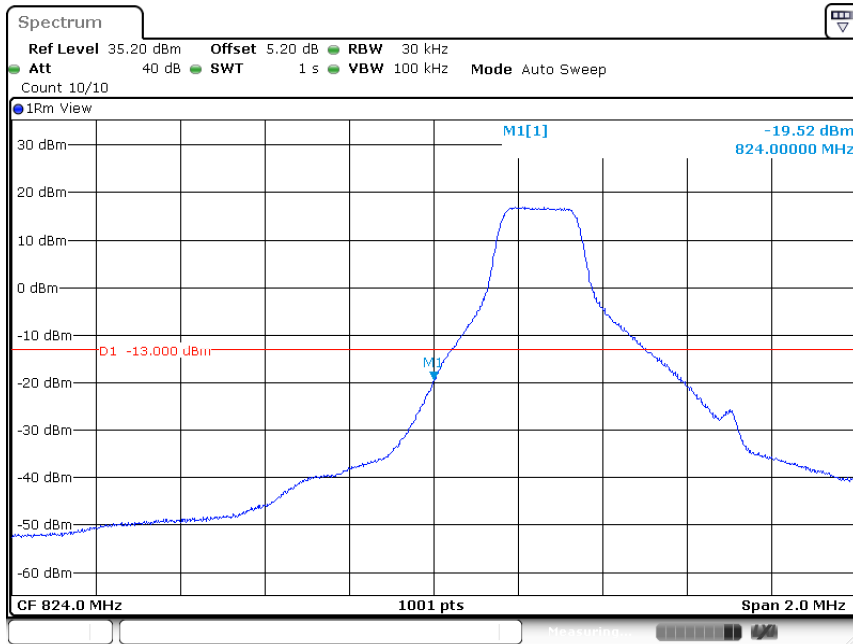


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Band5-1.4MHz-64QAM-20643-6RB#0



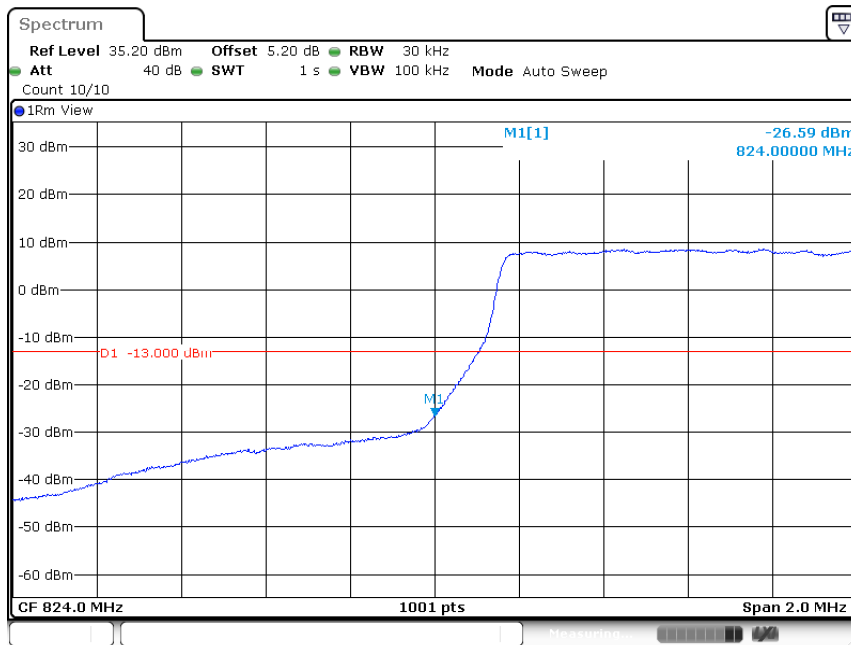
Band5-1.4MHz-16QAM-20407-1RB#0



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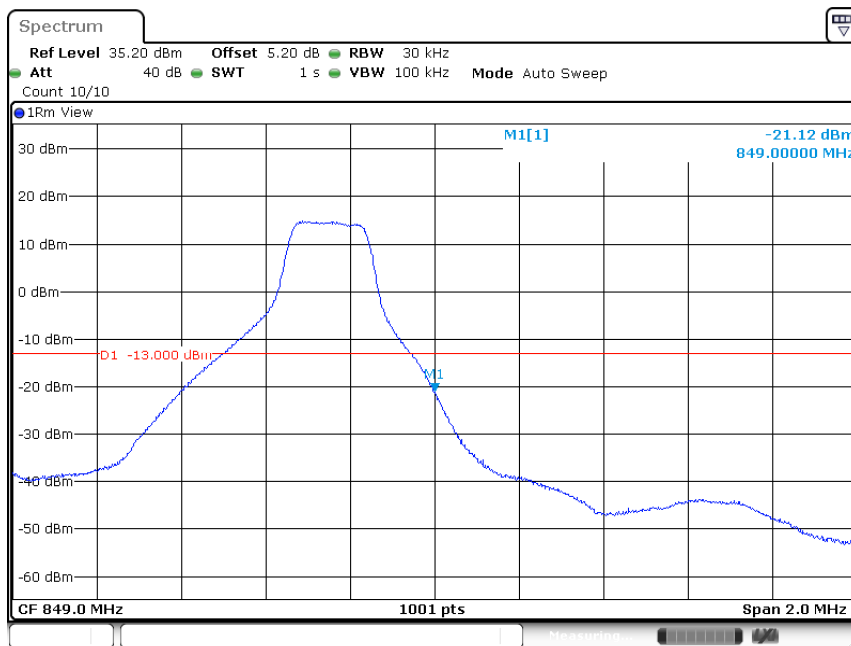
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Band5-1.4MHz-16QAM-20407-6RB#0



Date: 6.JUL.2020 11:38:41

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

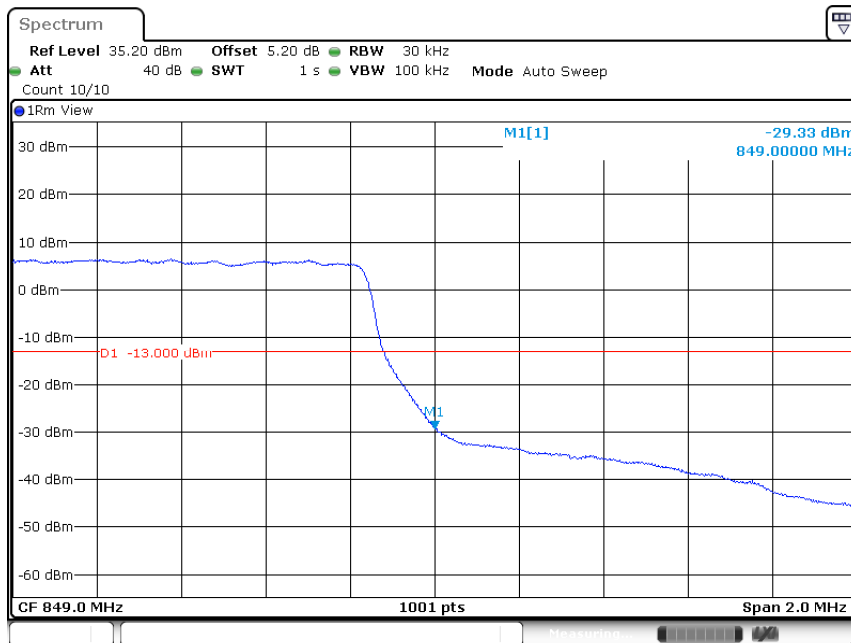


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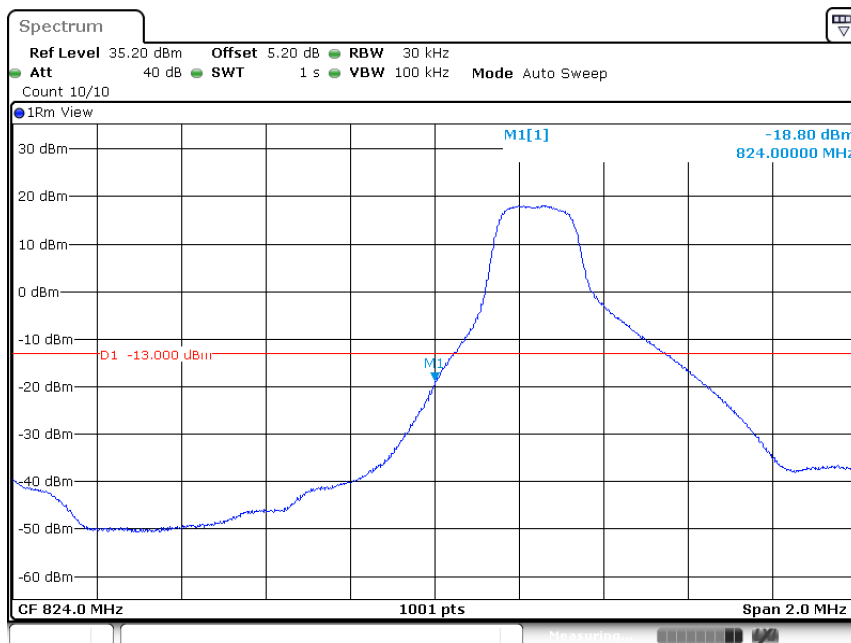
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Band5-1.4MHz-16QAM-20643-6RB#0



Date: 6.JUL.2020 11:40:15

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



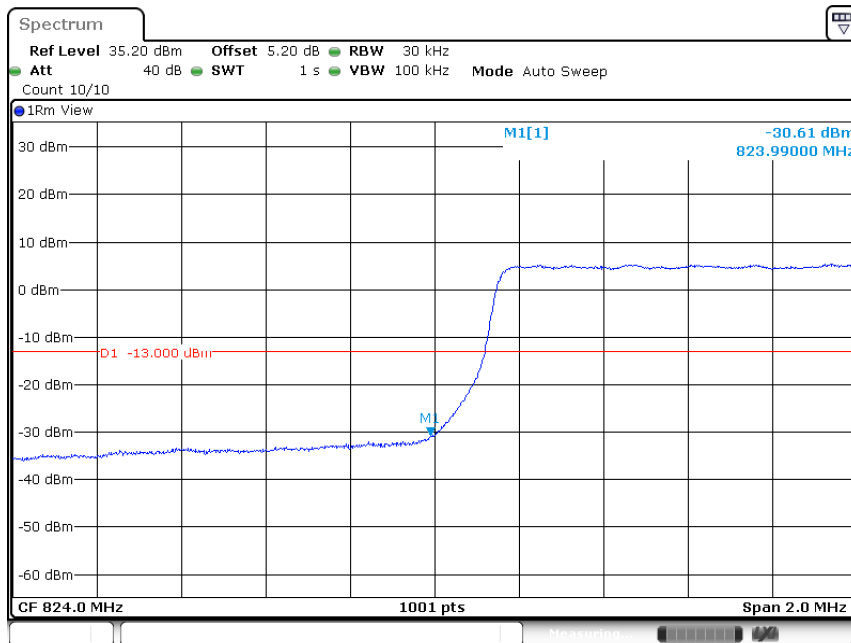
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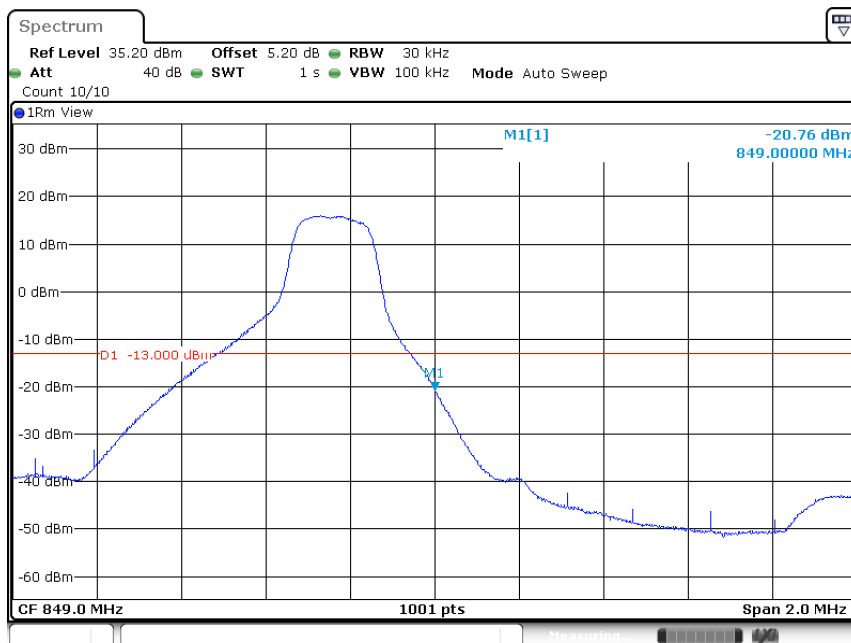
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Band5-3MHz-QPSK-20415-15RB#0



Date: 6.JUL.2020 11:41:21

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

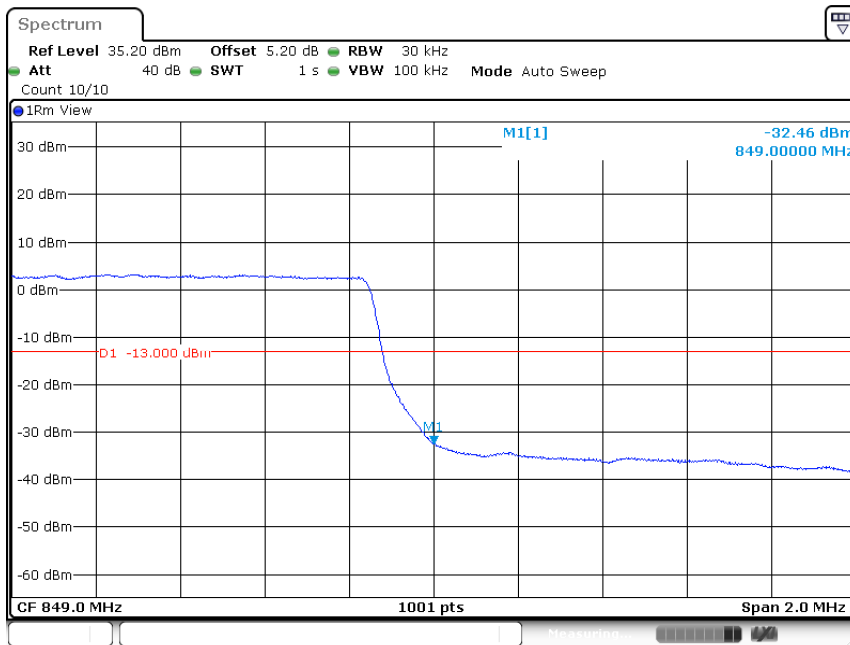


Date: 6.JUL.2020 11:42:07



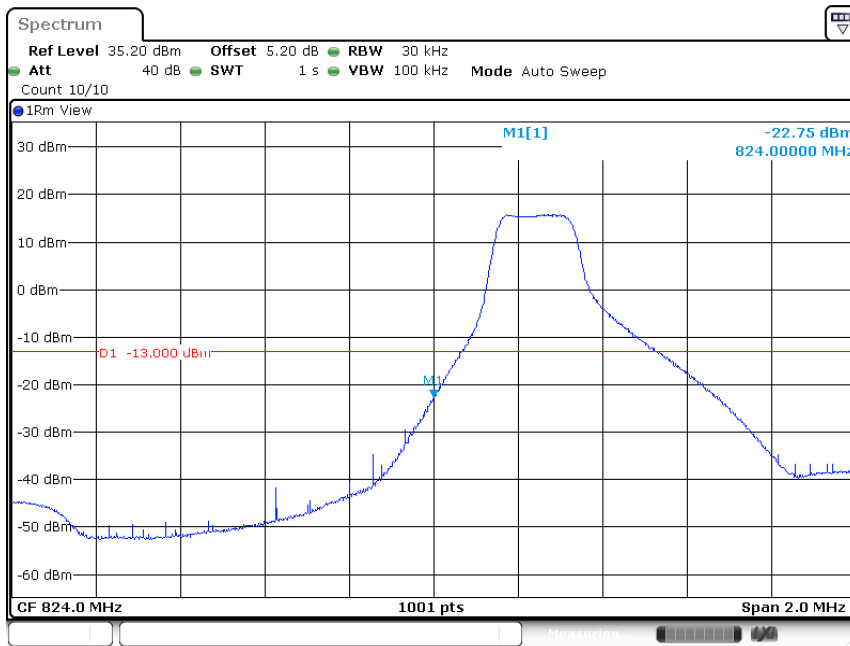
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Band5-3MHz-QPSK-20635-15RB#0



Date: 6.JUL.2020 11:42:48

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

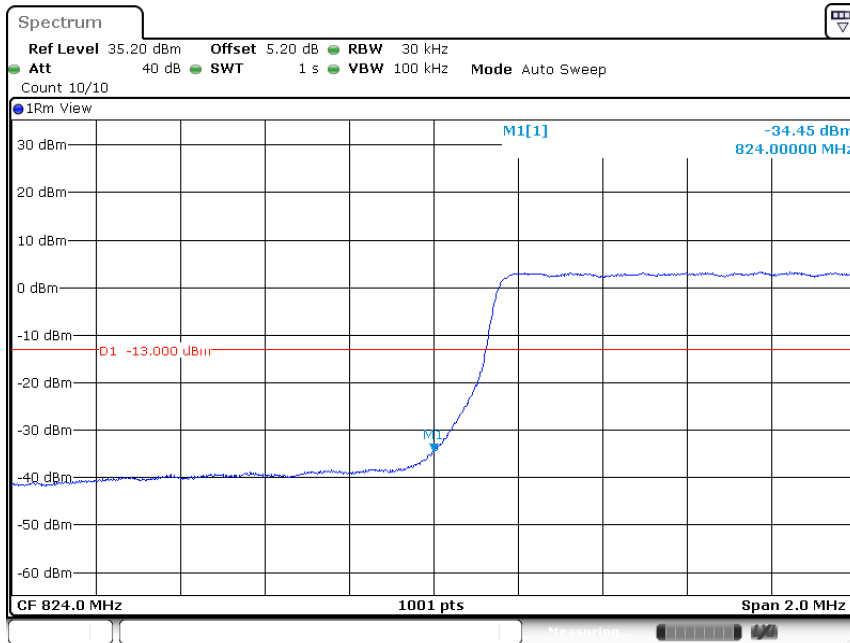


Date: 6.JUL.2020 12:05:52



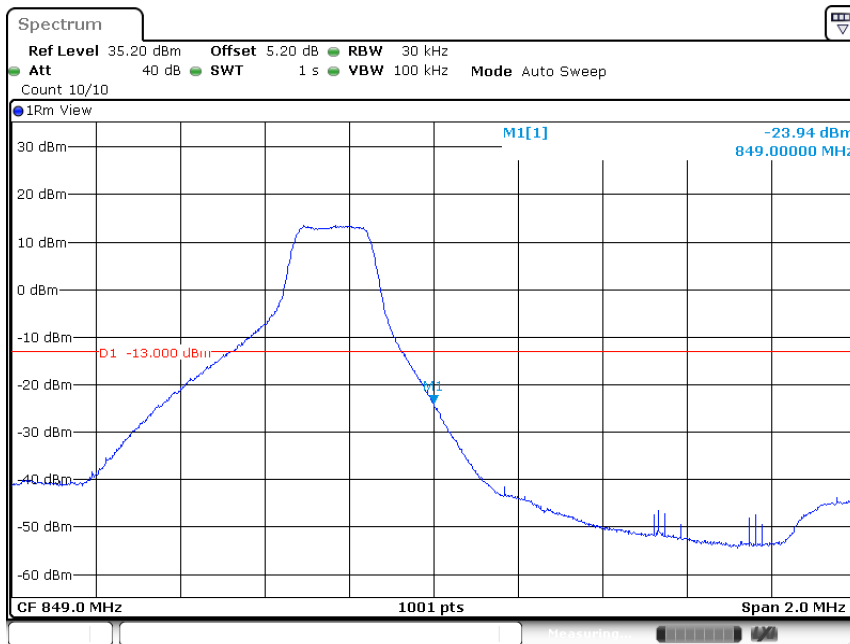
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Band5-3MHz-64QAM-20415-15RB#0



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

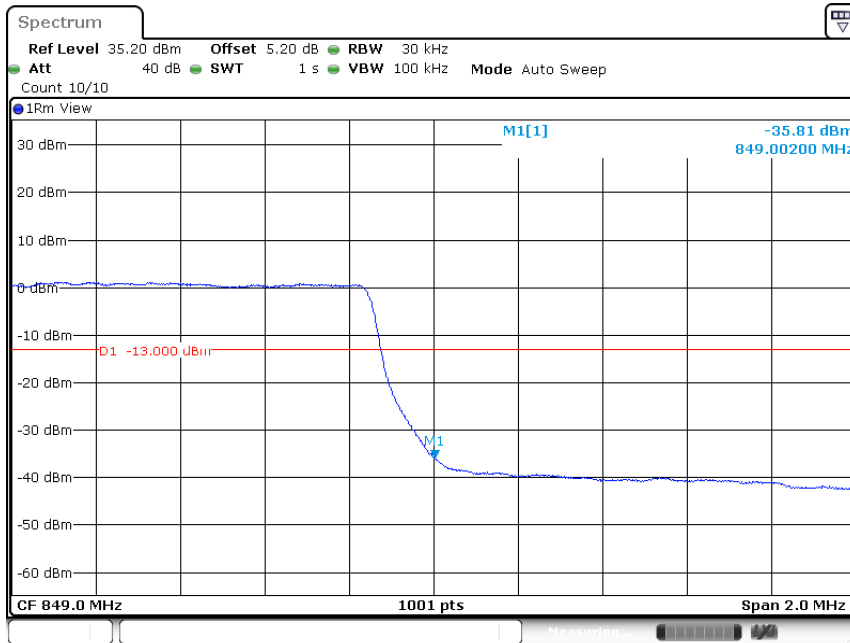


Date: 6.JUL.2020 12:06:38



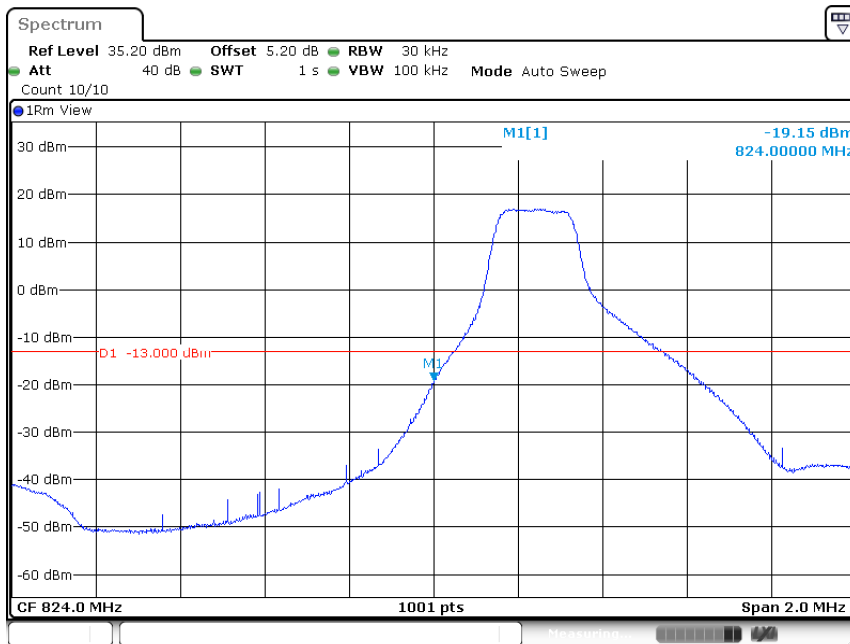
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Band5-3MHz-64QAM-20635-15RB#0



Date: 6.JUL.2020 12:06:58

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

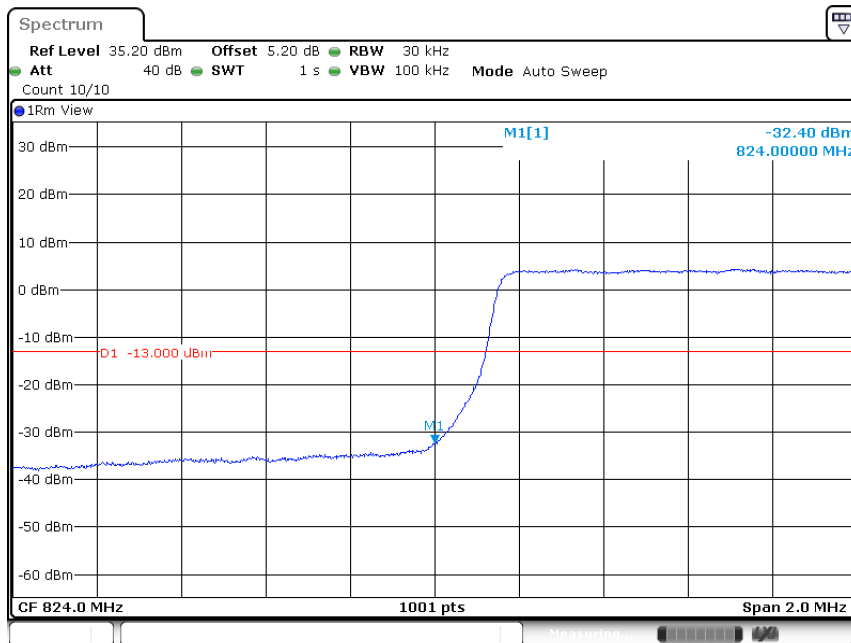


Date: 6.JUL.2020 11:41:01



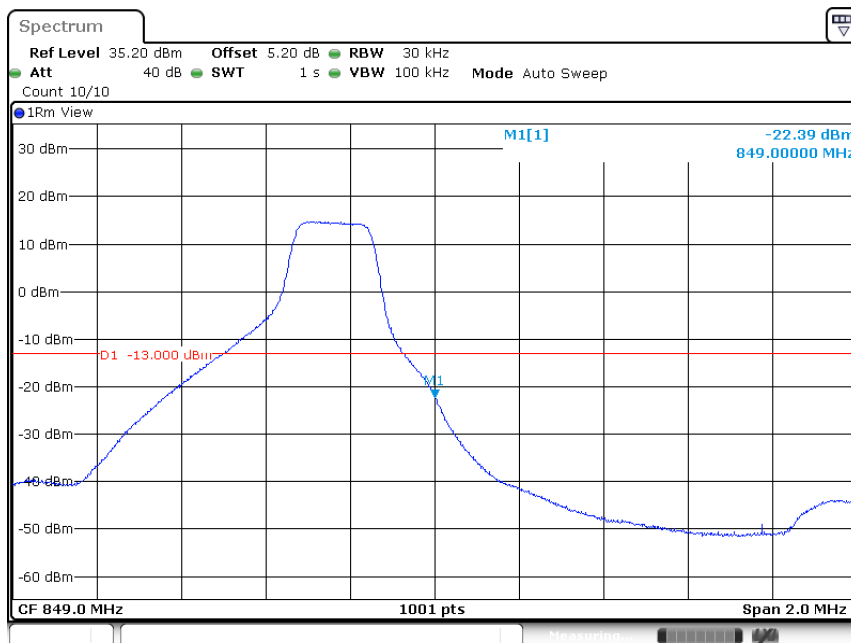
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Band5-3MHz-16QAM-20415-15RB#0



Date: 6.JUL.2020 11:41:42

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

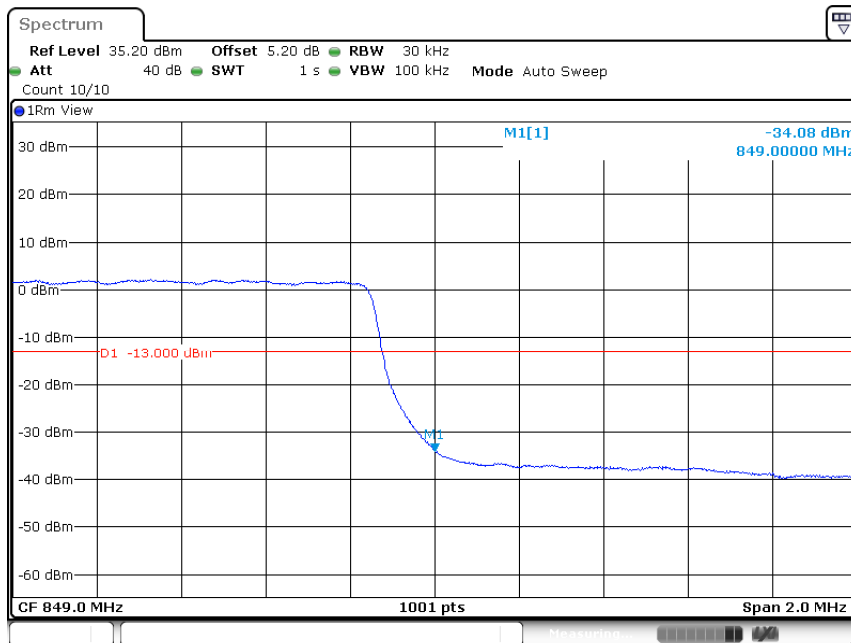


Date: 6.JUL.2020 11:42:27



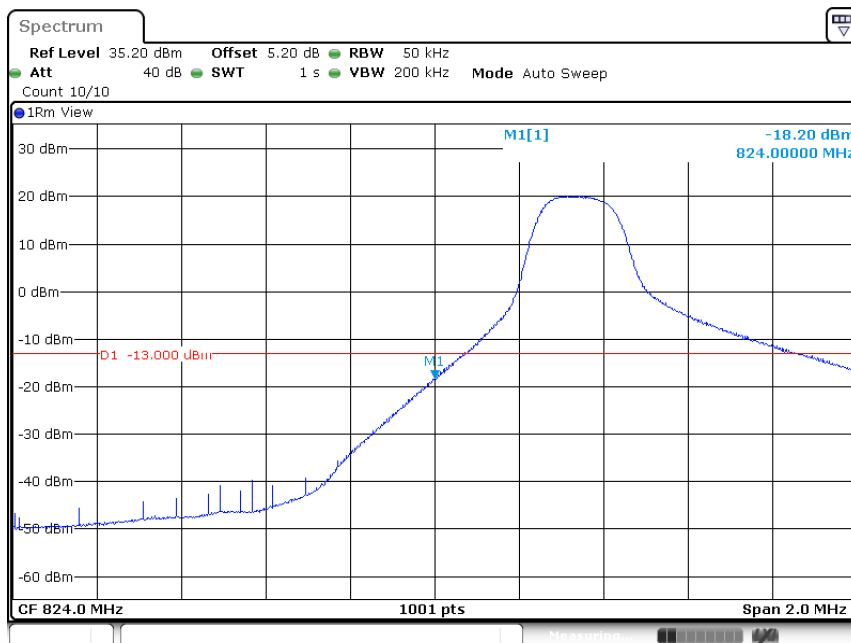
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Band5-3MHz-16QAM-20635-15RB#0



Date: 6.JUL.2020 11:43:08

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

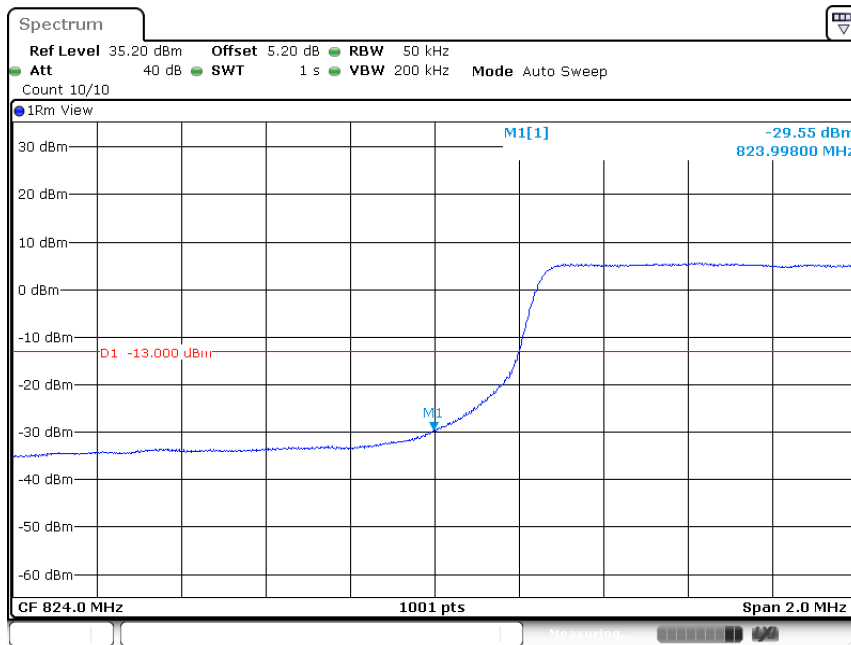


Date: 6.JUL.2020 11:43:33



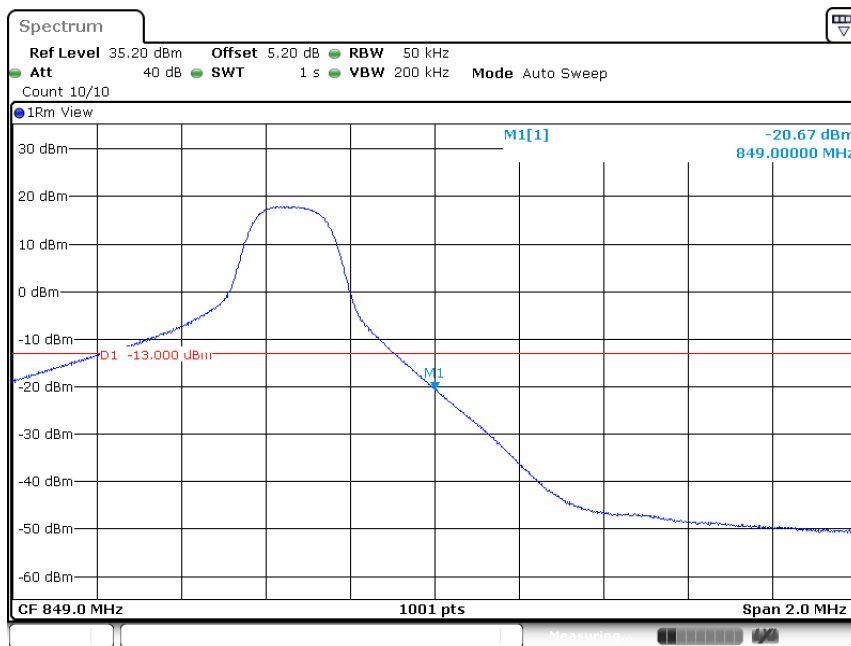
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Band5-5MHz-QPSK-20425-25RB#0



Date: 6.JUL.2020 11:44:14

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

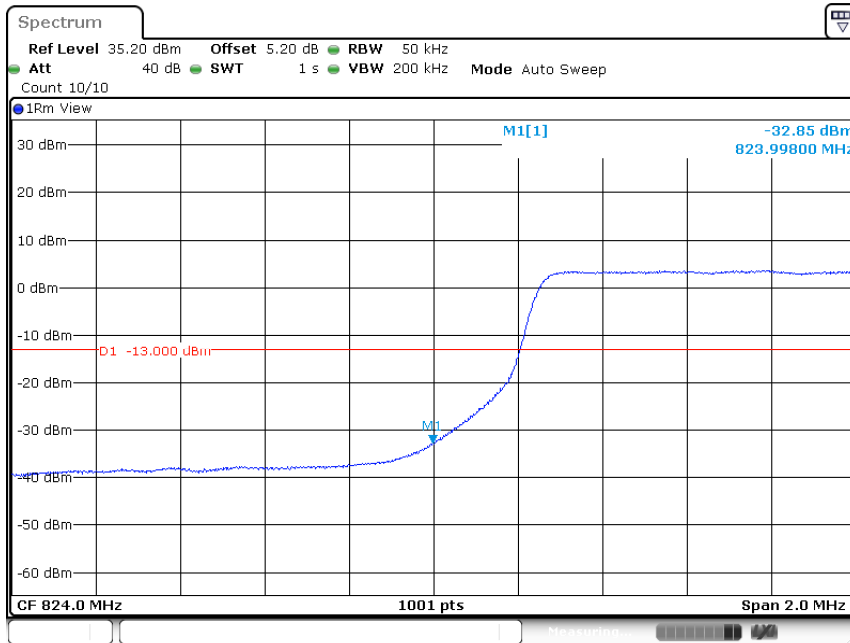


Date: 6.JUL.2020 11:45:00



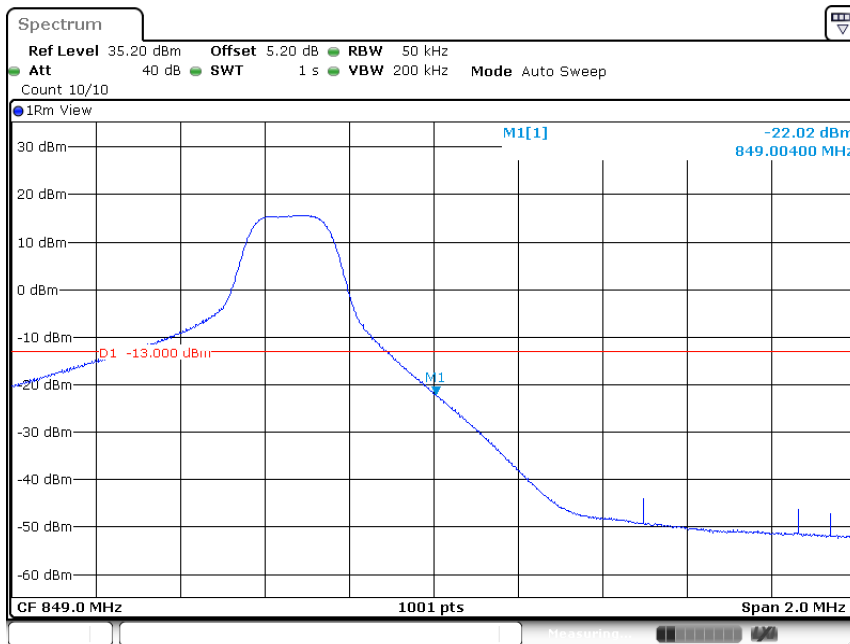
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Band5-5MHz-64QAM-20425-25RB#0



Date: 6.JUL.2020 12:07:44

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

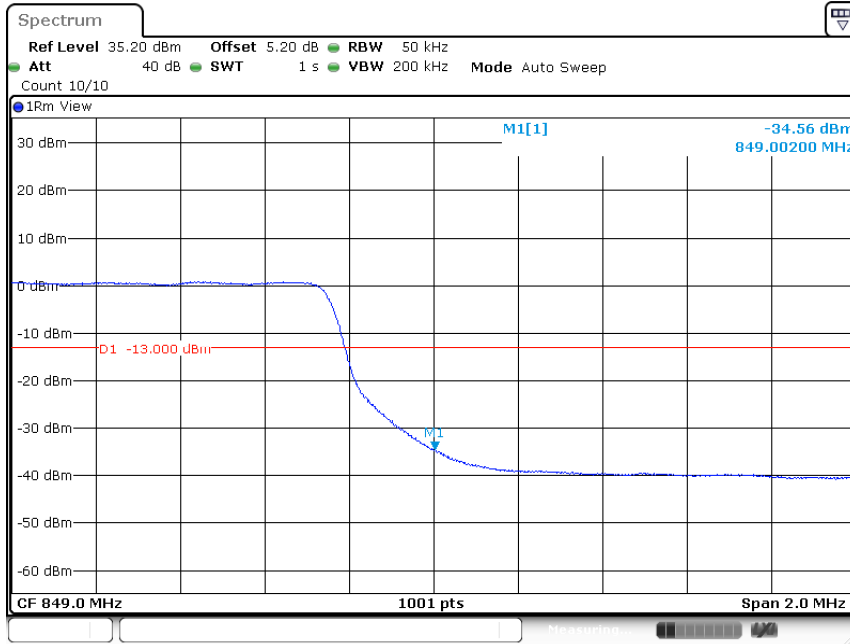


Date: 6.JUL.2020 12:08:09



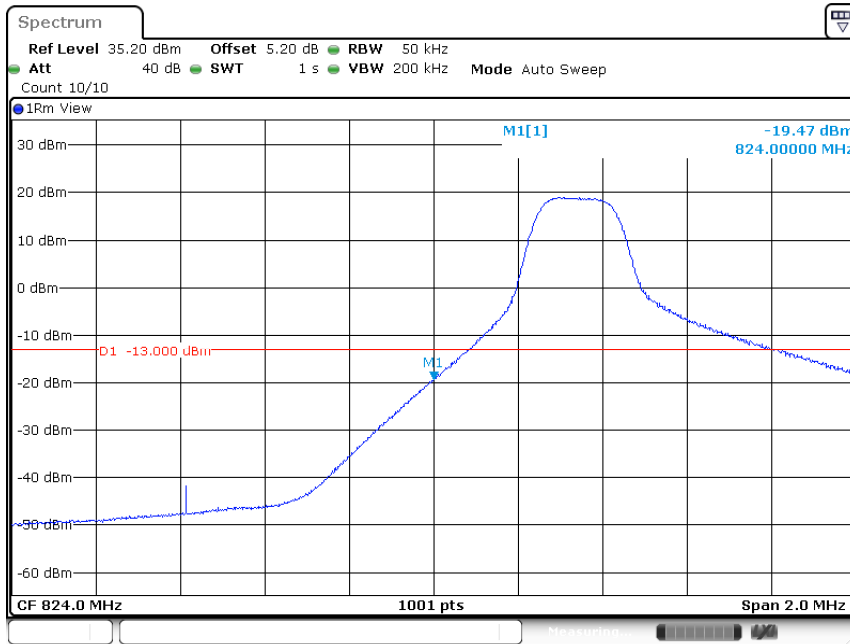
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Band5-5MHz-64QAM-20625-25RB#0



Date: 6.JUL.2020 12:08:29

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

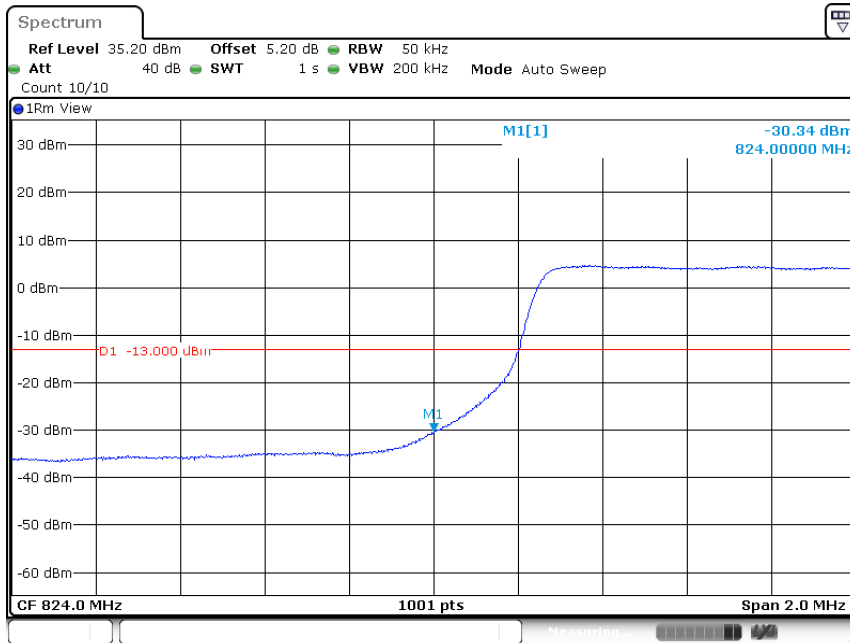


Date: 6.JUL.2020 11:43:54



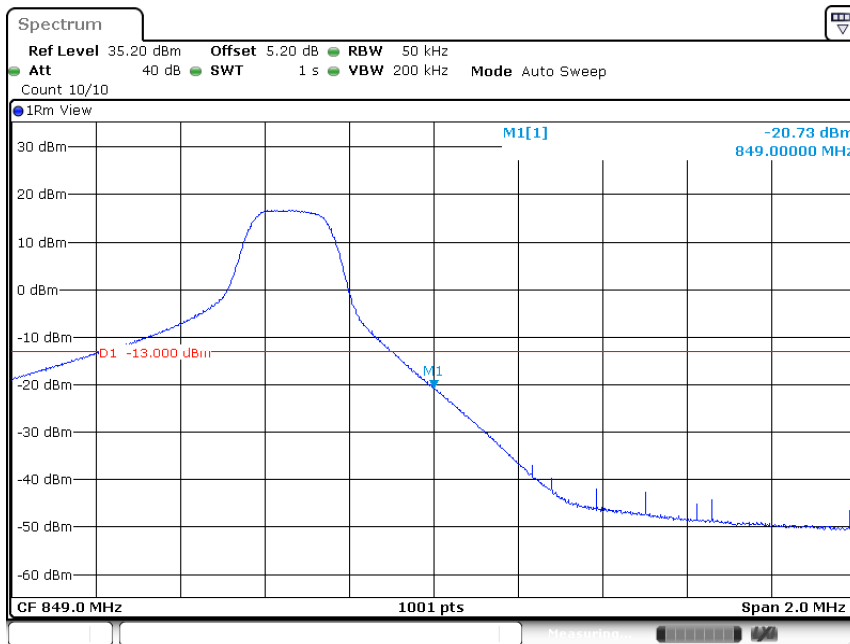
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Band5-5MHz-16QAM-20425-25RB#0



Date: 6.JUL.2020 11:44:35

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

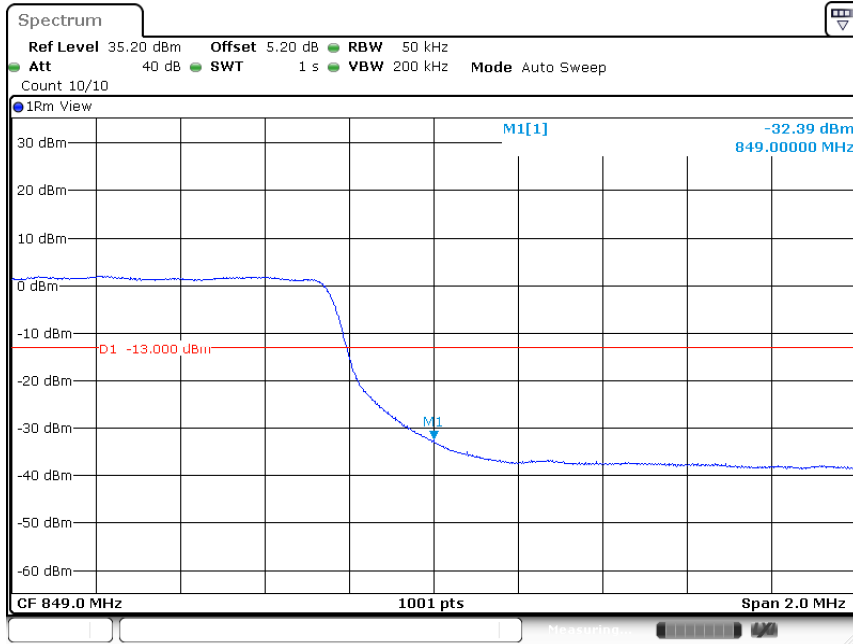


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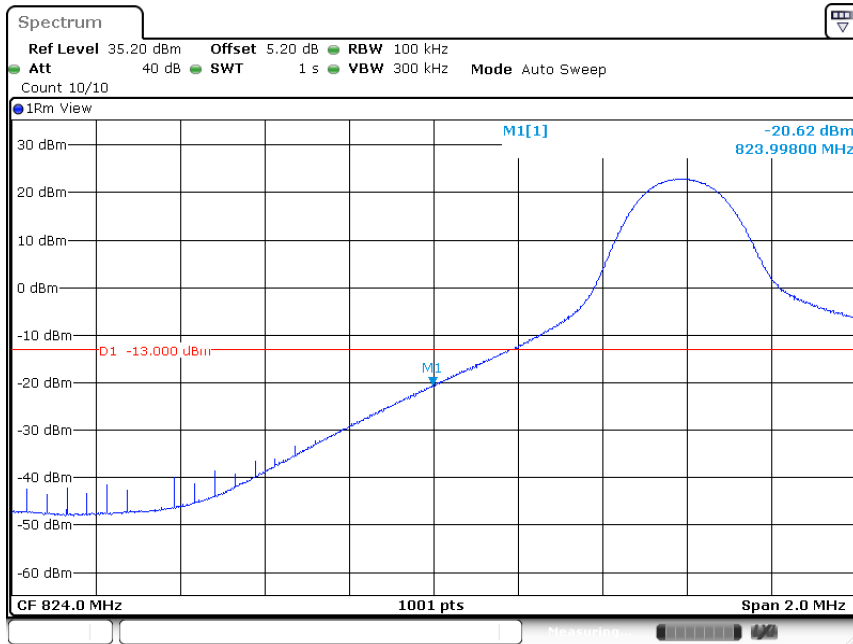
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Band5-5MHz-16QAM-20625-25RB#0



Date: 6.JUL.2020 11:46:01

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

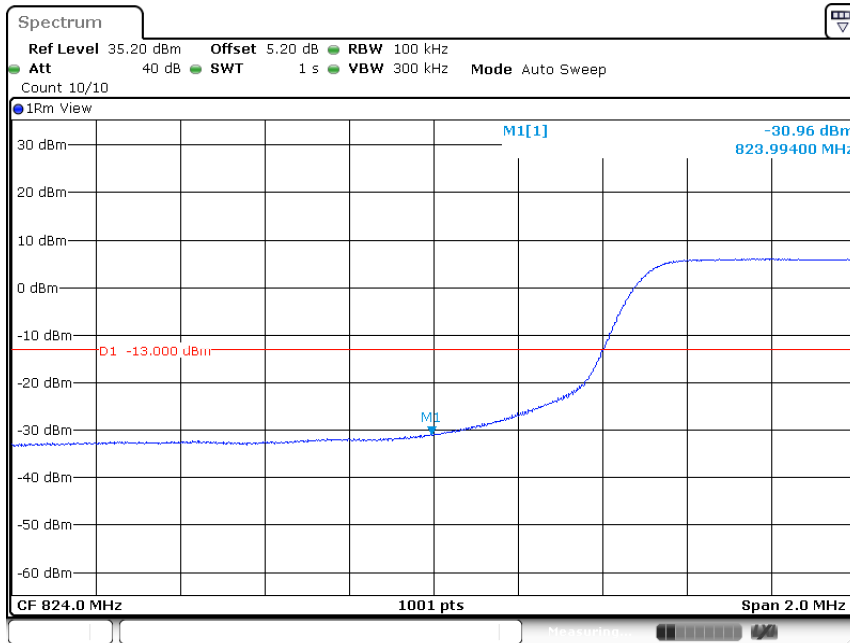


Date: 6.JUL.2020 11:46:26



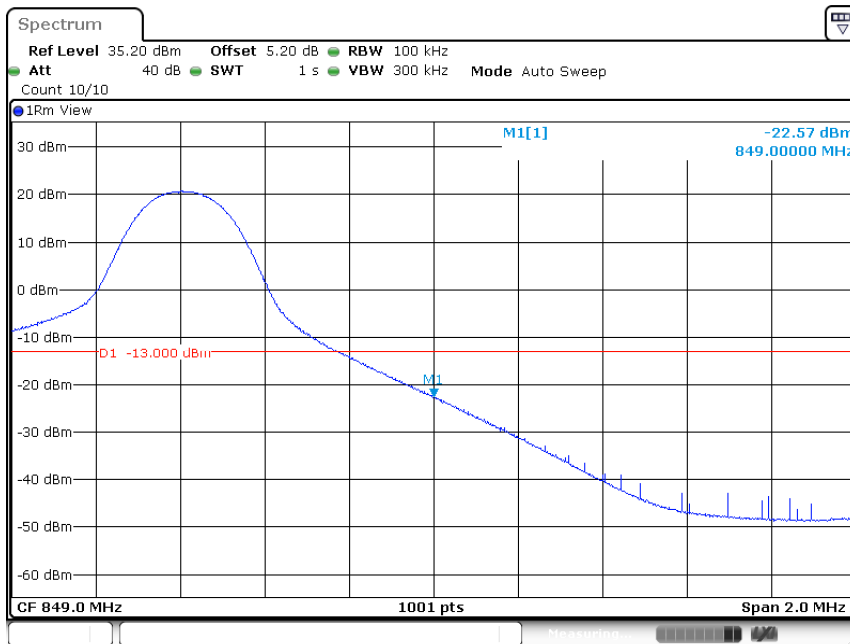
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Band5-10MHz-QPSK-20450-50RB#0



Date: 6.JUL.2020 11:47:08

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

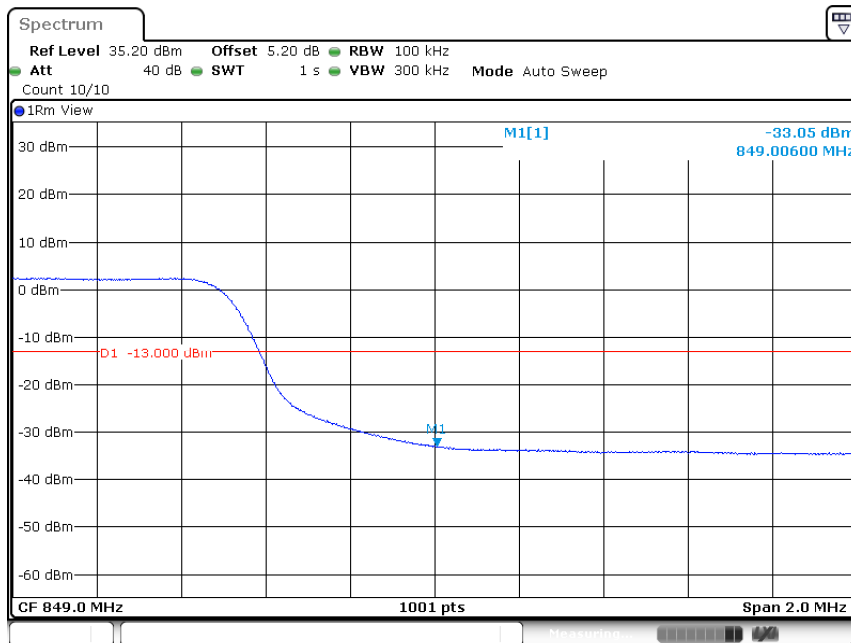


Date: 6.JUL.2020 11:47:53



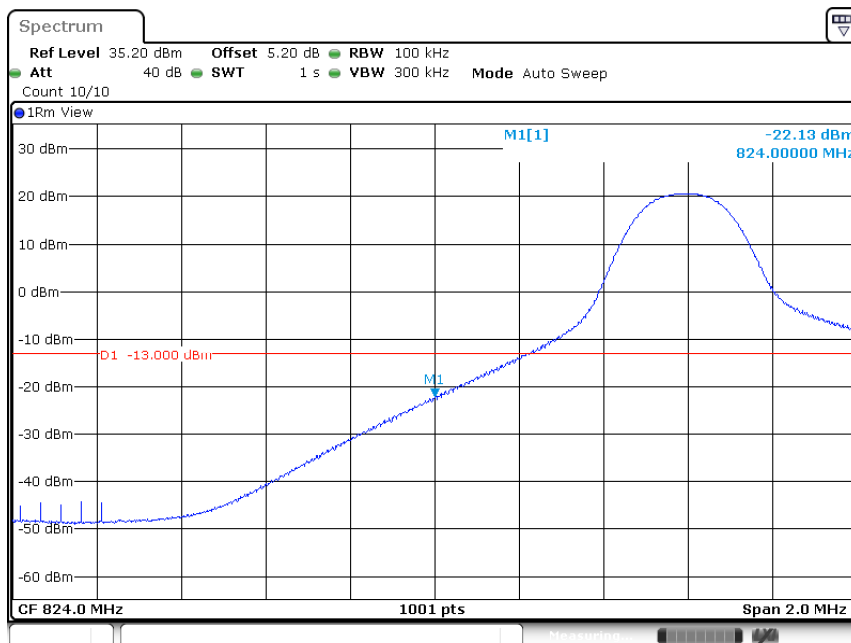
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Band5-10MHz-QPSK-20600-50RB#0



Date: 6.JUL.2020 11:48:34

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

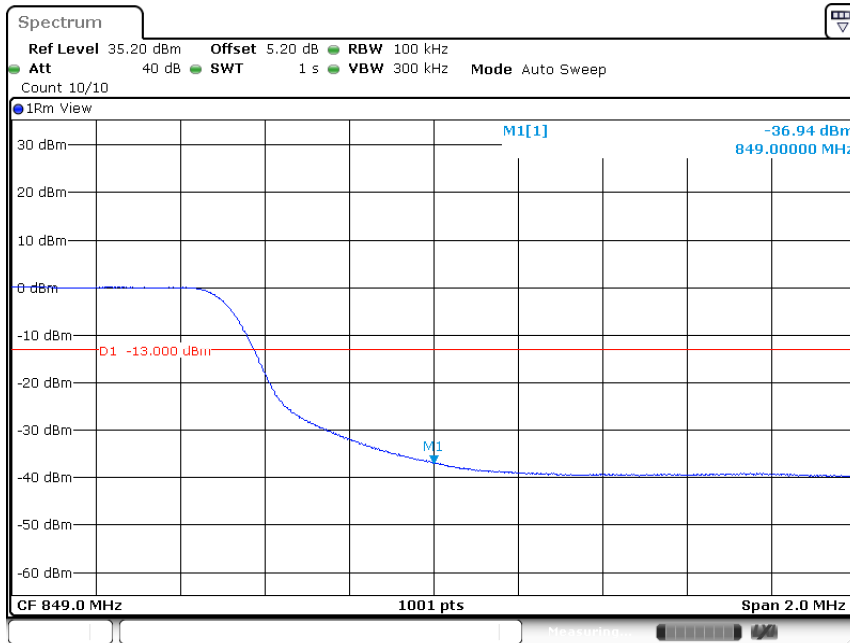


Date: 6.JUL.2020 12:08:55



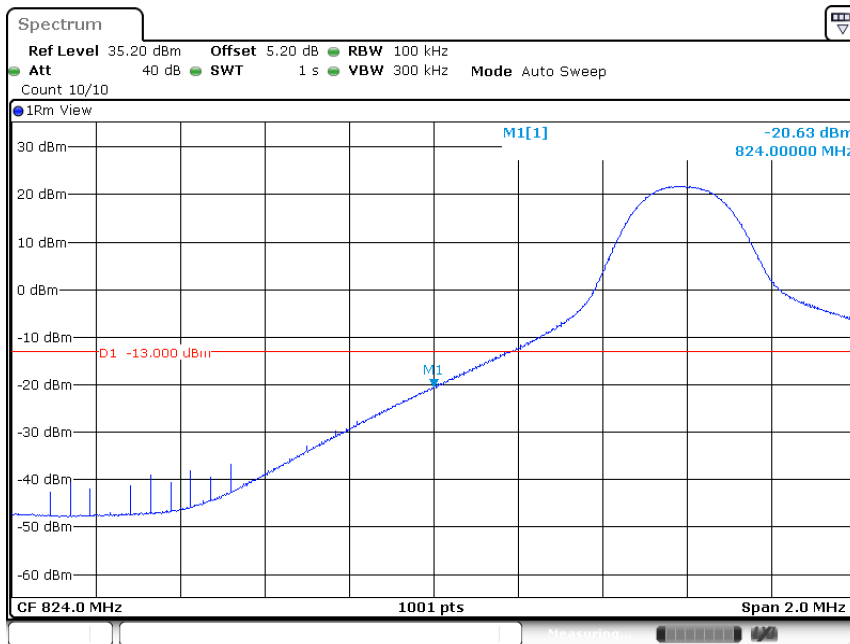
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Band5-10MHz-64QAM-20600-50RB#0



Date: 6.JUL.2020 12:10:01

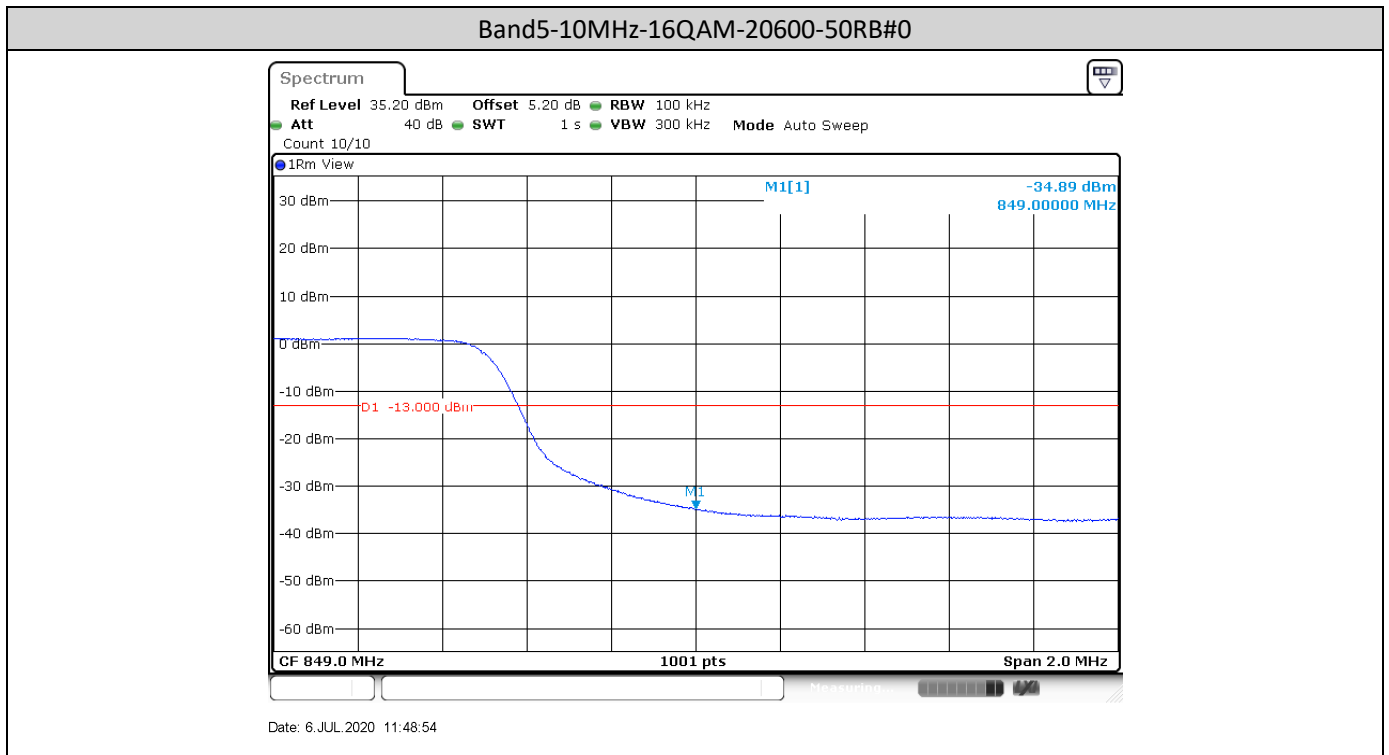
Band5-10MHz-16QAM-20450-1RB#0



Date: 6.JUL.2020 11:46:47



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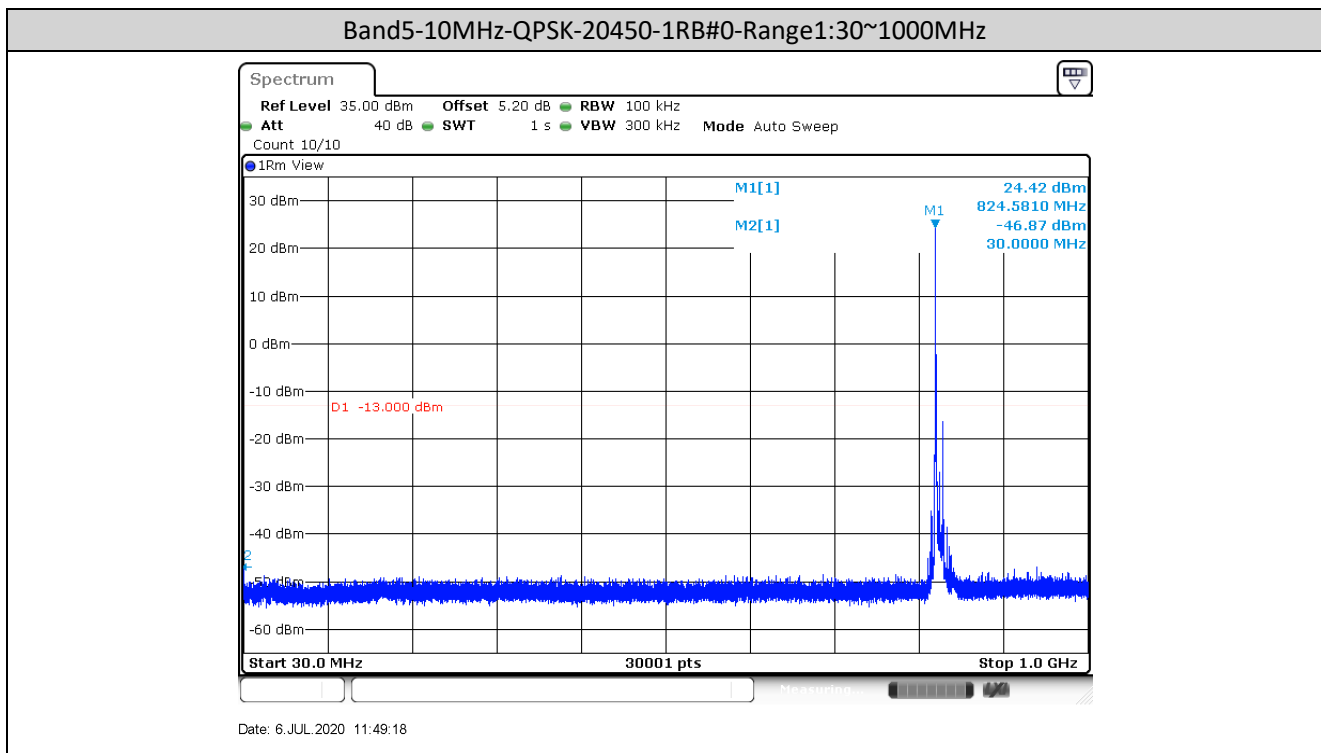
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6. Spurious Emission at Antenna Terminal

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

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

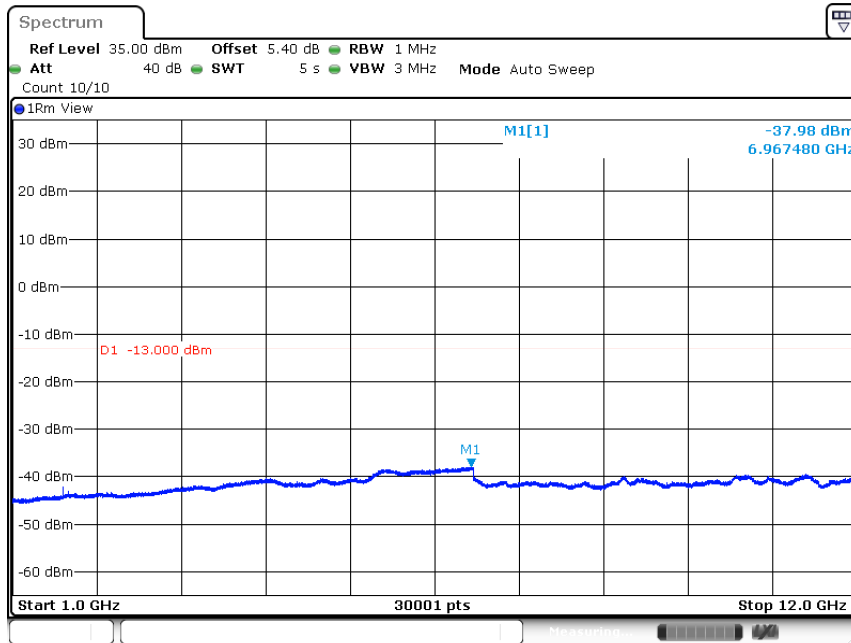
6.1. Test Plots



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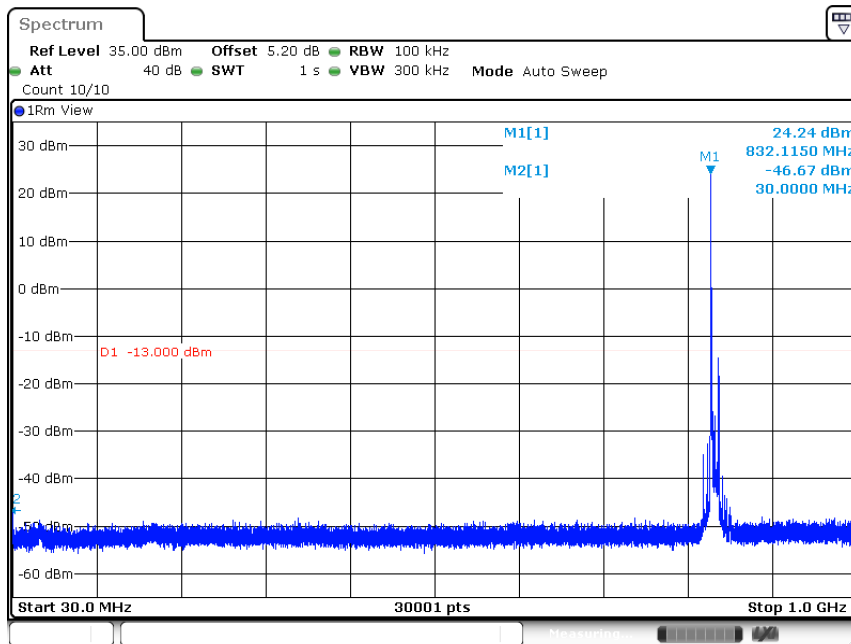
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Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~12000MHz



Date: 6.JUL.2020 11:50:26

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

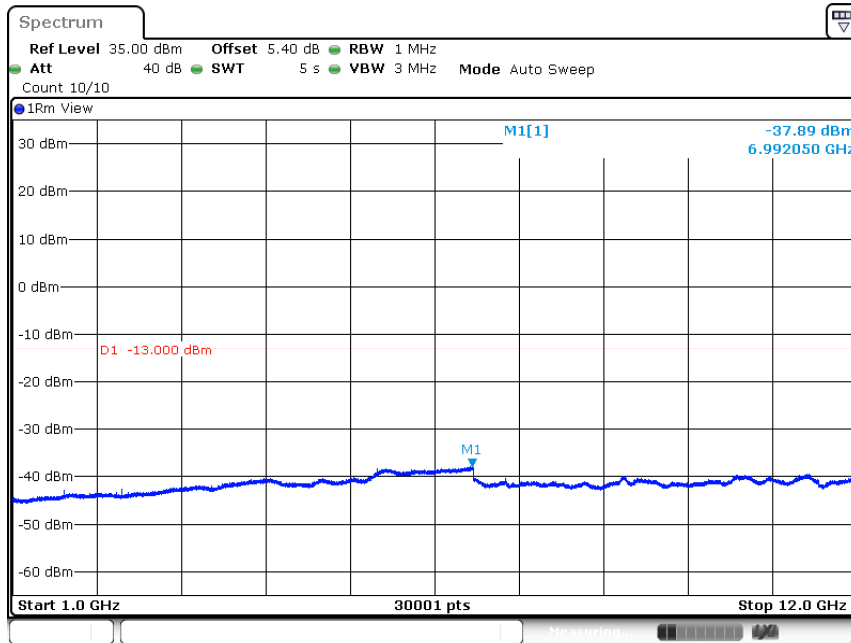


Date: 6.JUL.2020 11:52:12



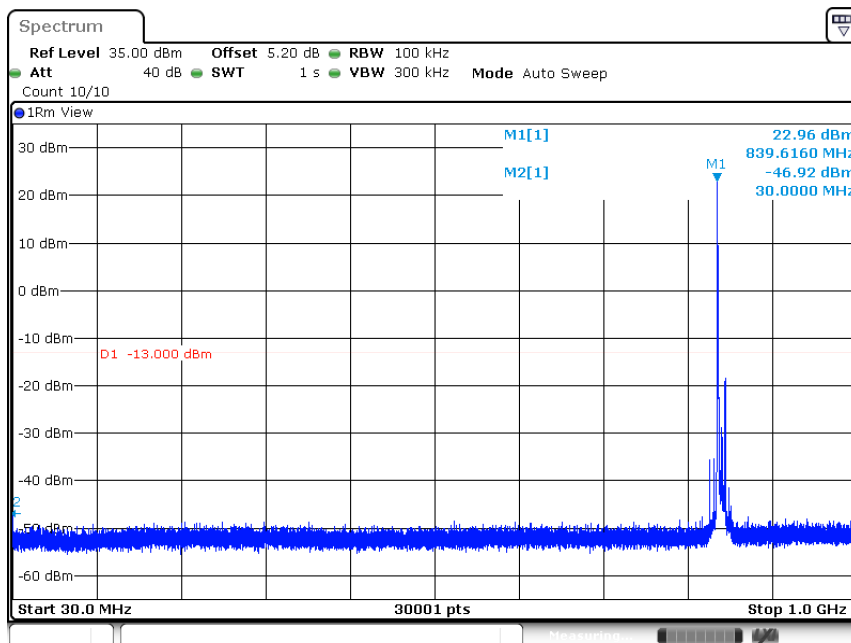
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Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~12000MHz



Date: 6.JUL.2020 11:53:20

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

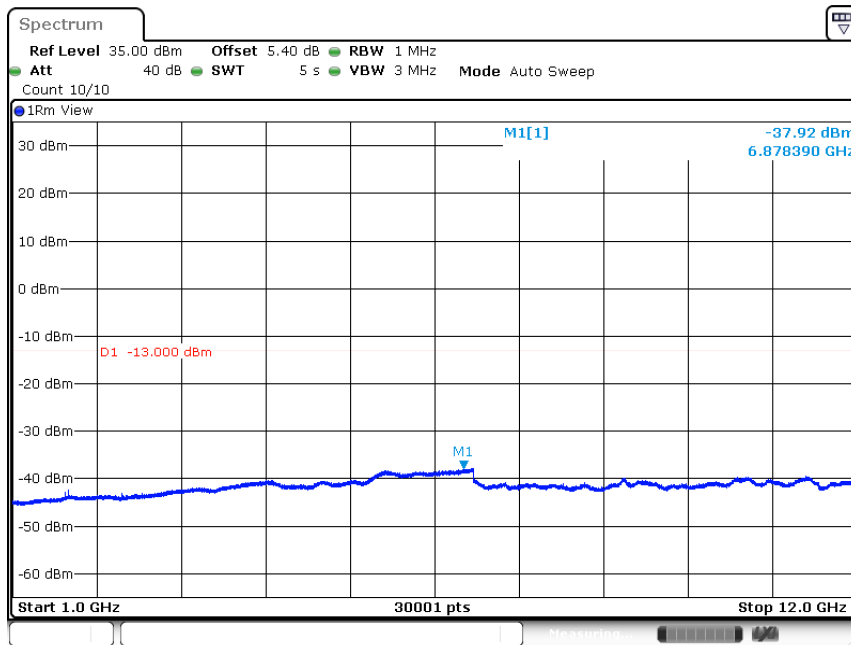


Date: 6.JUL.2020 11:55:06



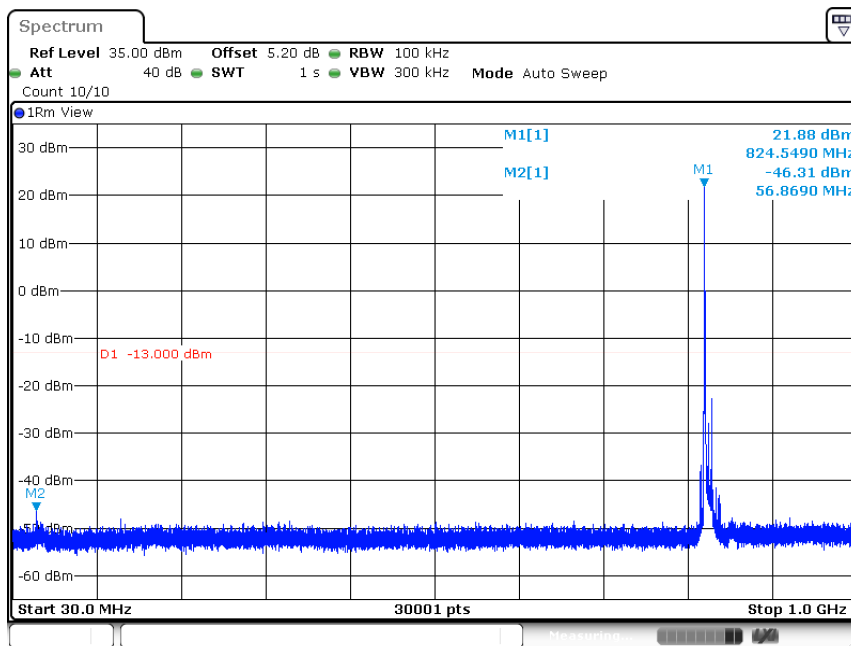
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Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~12000MHz



Date: 6.JUL.2020 11:56:14

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



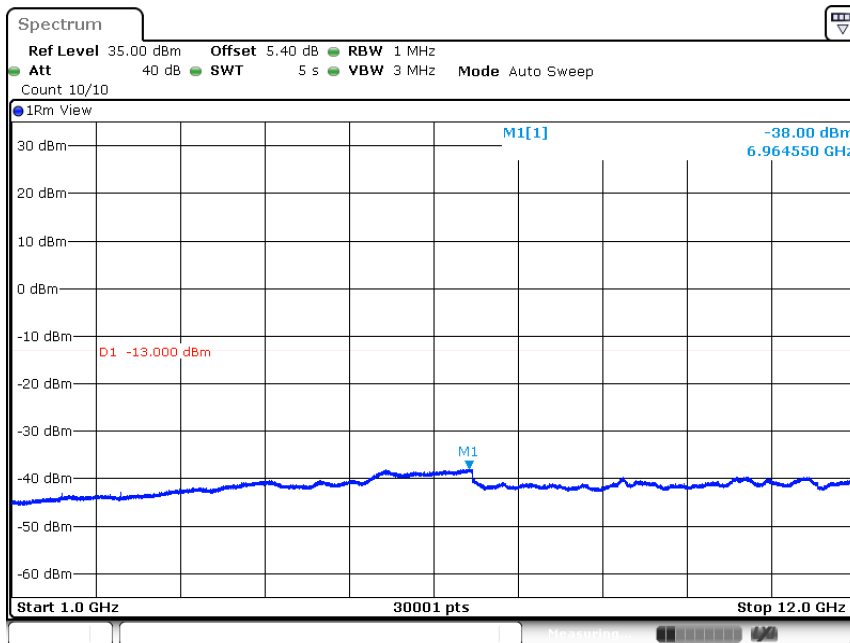
Date: 6.JUL.2020 12:10:25



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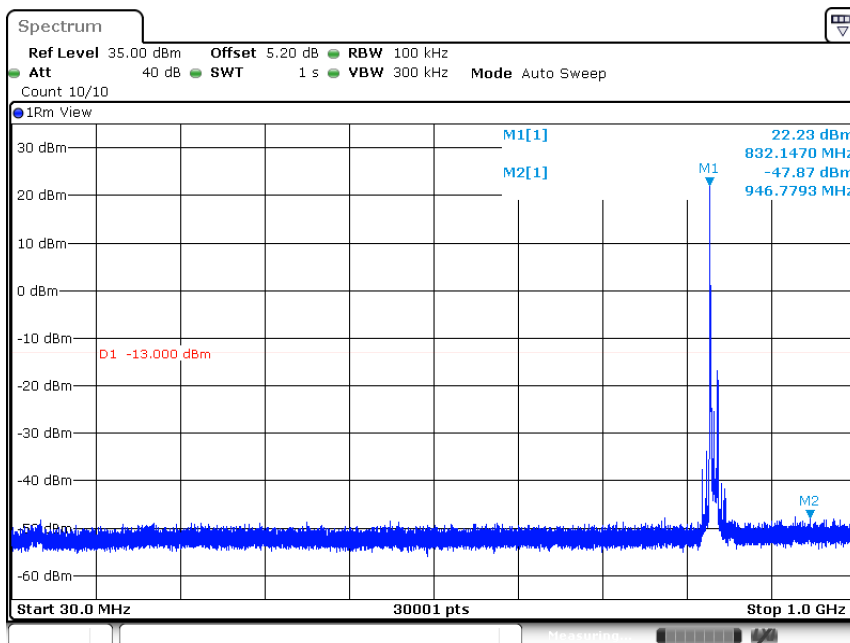
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Band5-10MHz-64QAM-20450-1RB#0-Range2:1000~12000MHz



Date: 6.JUL.2020 12:11:32

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

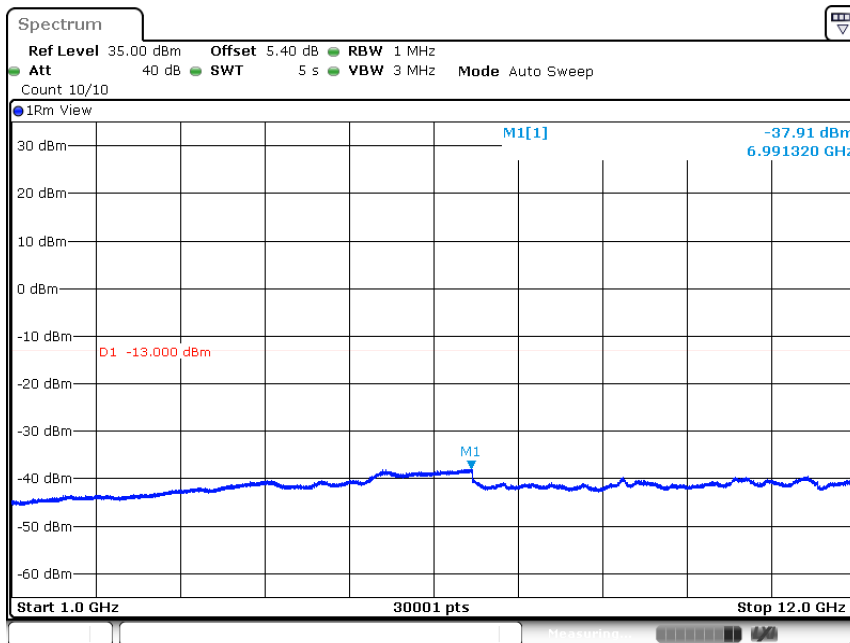


Date: 6.JUL.2020 12:11:52



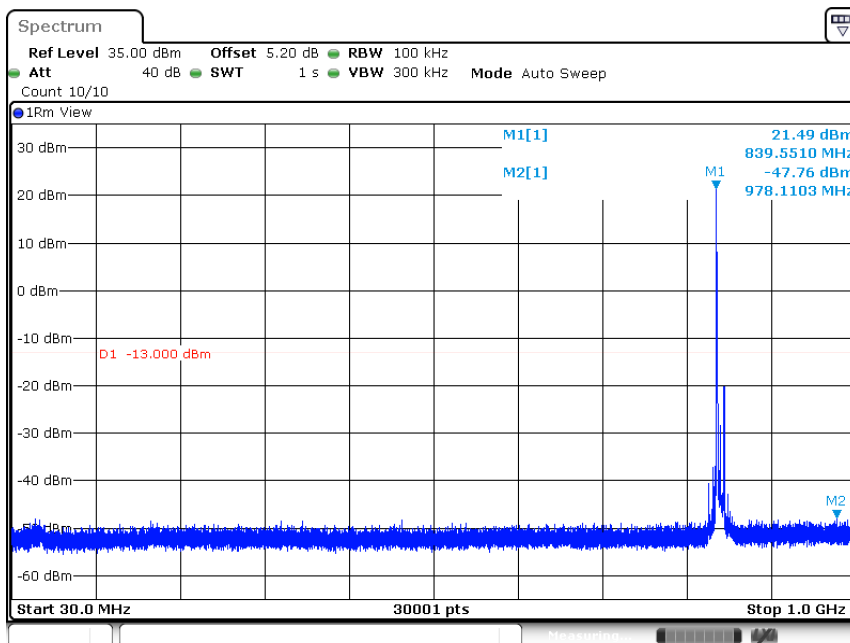
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Band5-10MHz-64QAM-20525-1RB#0-Range2:1000~12000MHz



Date: 6.JUL.2020 12:13:00

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

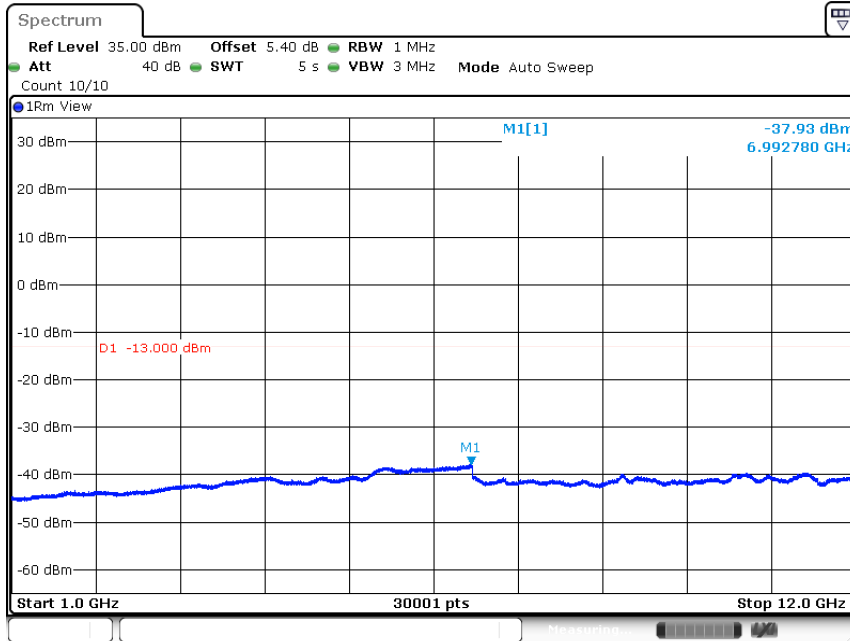


Date: 6.JUL.2020 12:13:19



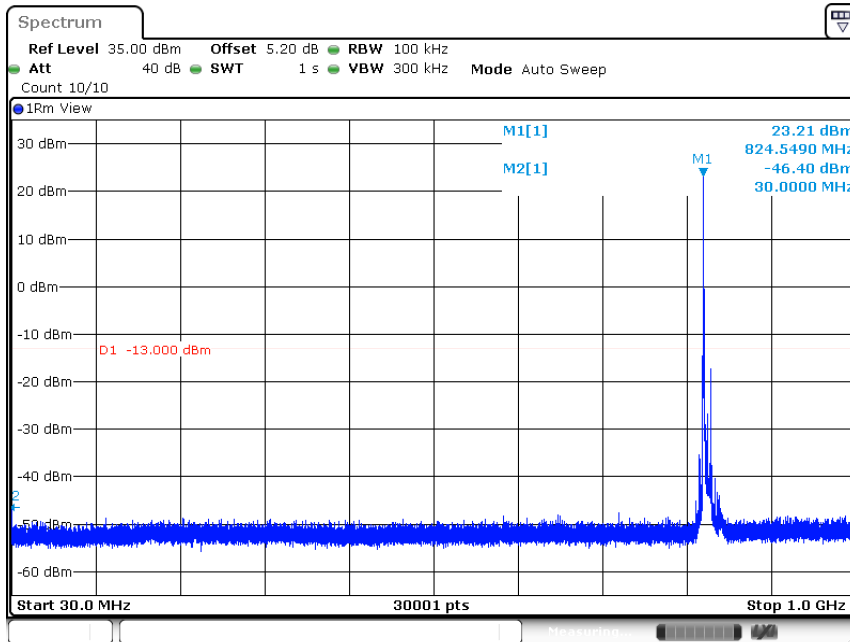
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Band5-10MHz-64QAM-20600-1RB#0-Range2:1000~12000MHz



Date: 6.JUL.2020 12:14:27

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

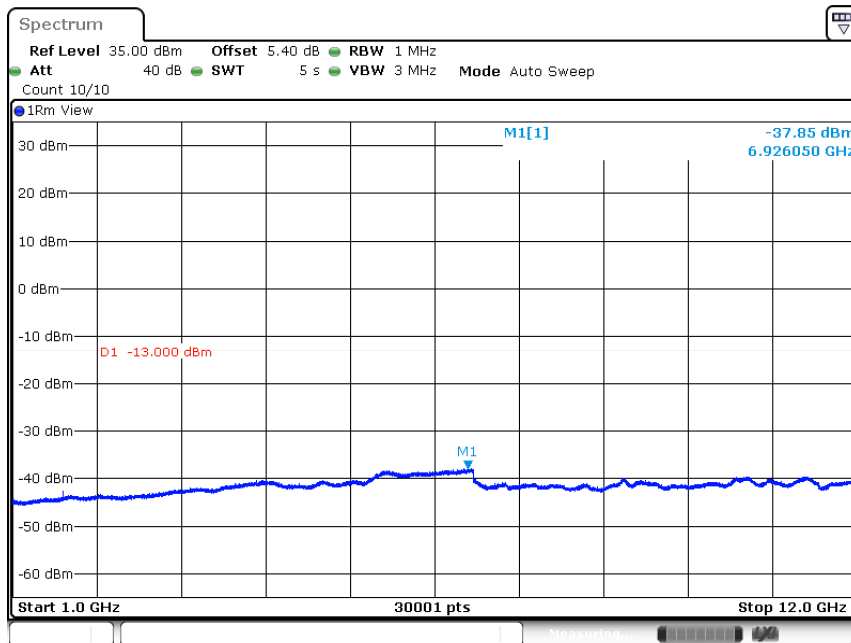


Date: 6.JUL.2020 11:50:45



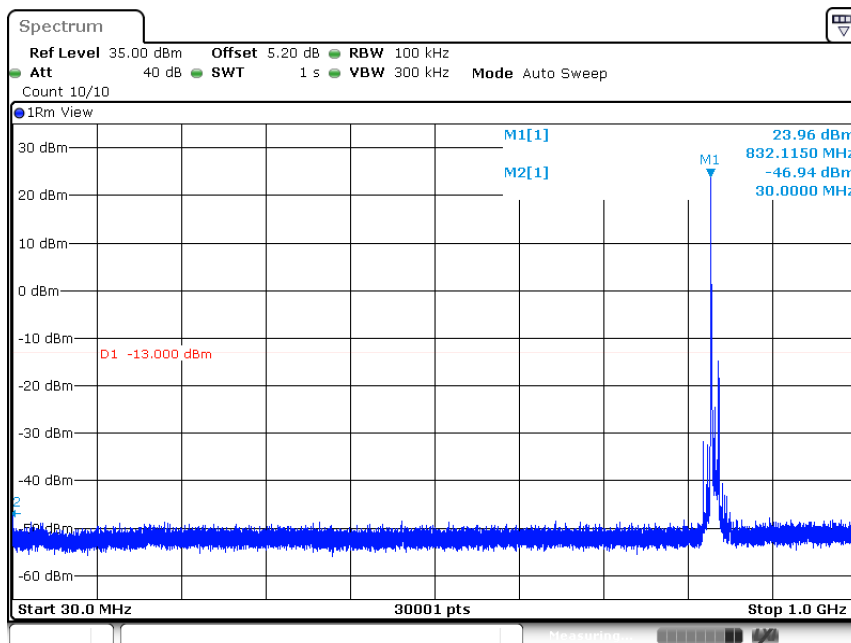
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Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~12000MHz



Date: 6.JUL.2020 11:51:52

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

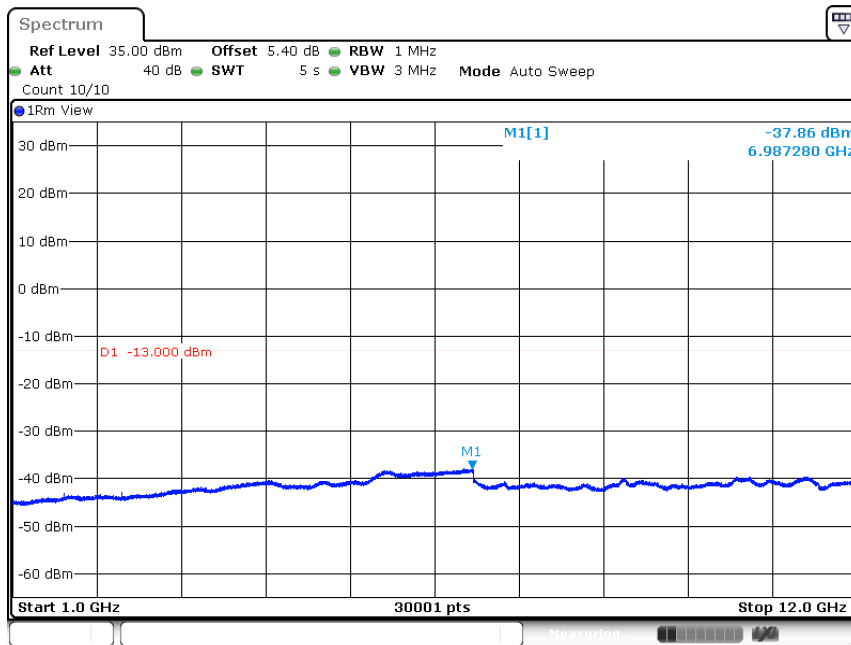


Date: 6.JUL.2020 11:53:39



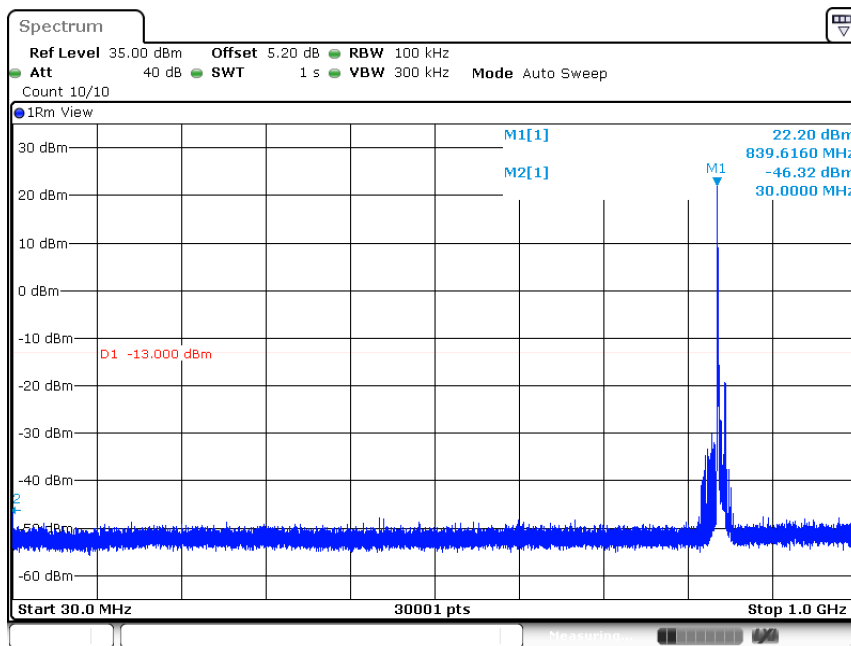
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Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~12000MHz



Date: 6.JUL.2020 11:54:47

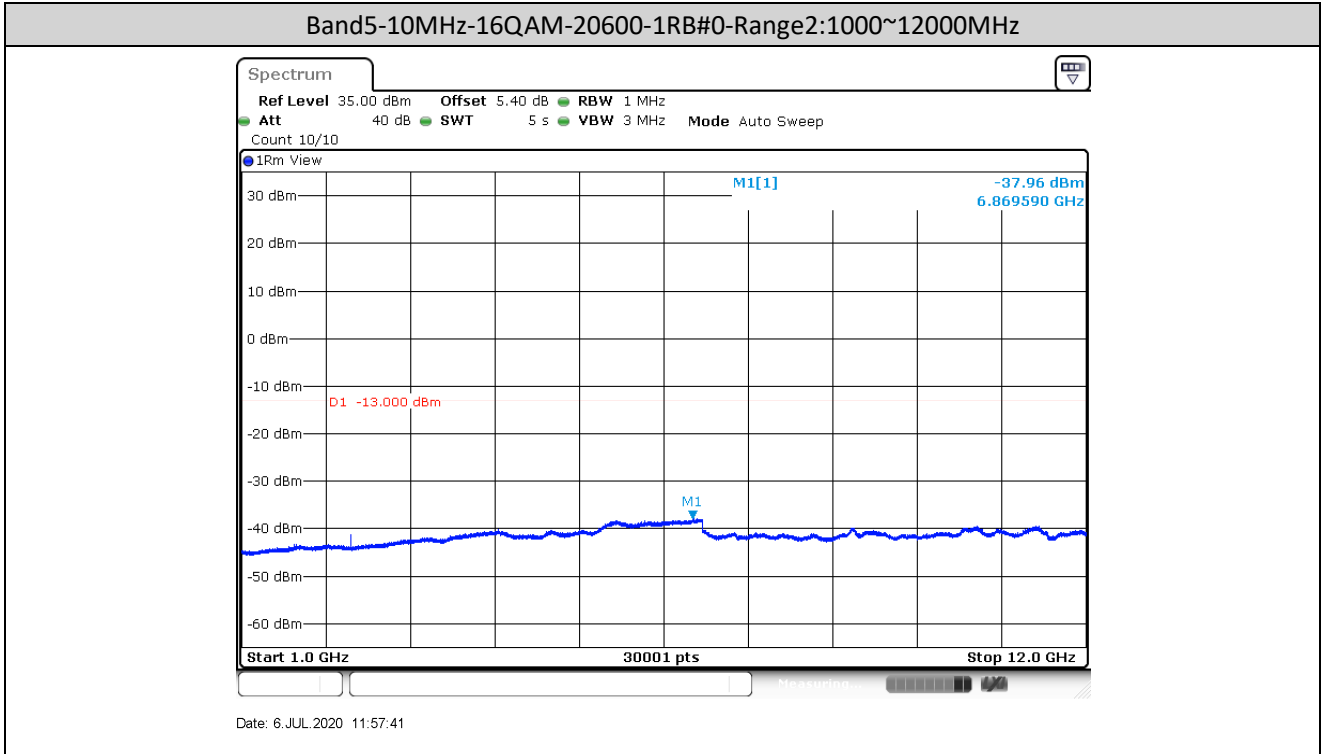
Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz



Date: 6.JUL.2020 11:56:33



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 10MHz

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
47.0244	-71.33	-13.00	58.33	Vertical
106.1973	-62.70	-13.00	49.70	Vertical
704.9597	-60.08	-13.00	47.08	Vertical
3000.0000	-56.36	-13.00	43.36	Vertical
5065.0688	-60.71	-13.00	47.71	Vertical
8836.9946	-53.45	-13.00	40.45	Vertical
42.9987	-61.97	-13.00	48.97	Horizontal
248.9399	-65.64	-13.00	52.64	Horizontal
584.7222	-61.30	-13.00	48.30	Horizontal
1649.3299	-56.46	-13.00	43.46	Horizontal
2697.5395	-56.51	-13.00	43.51	Horizontal
8774.3925	-54.03	-13.00	41.03	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
51.9716	-70.50	-13.00	57.50	Vertical
109.5925	-61.98	-13.00	48.98	Vertical
390.0820	-65.42	-13.00	52.42	Vertical
2303.8608	-58.83	-13.00	45.83	Vertical
5502.4834	-60.79	-13.00	47.79	Vertical
8632.7878	-53.28	-13.00	40.28	Vertical
44.0172	-62.43	-13.00	49.43	Horizontal
232.8371	-65.39	-13.00	52.39	Horizontal
488.0569	-63.75	-13.00	50.75	Horizontal
1664.1328	-53.84	-13.00	40.84	Horizontal
2496.2993	-56.03	-13.00	43.03	Horizontal
8022.1674	-54.99	-13.00	41.99	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
46.1513	-72.29	-13.00	59.29	Vertical
109.7380	-62.12	-13.00	49.12	Vertical
583.6067	-60.66	-13.00	47.66	Vertical
3000.0000	-56.25	-13.00	43.25	Vertical
5160.0720	-60.75	-13.00	47.75	Vertical
8770.5924	-53.24	-13.00	40.24	Vertical
41.8346	-62.24	-13.00	49.24	Horizontal
241.6646	-65.44	-13.00	52.44	Horizontal
534.0372	-61.76	-13.00	48.76	Horizontal
1678.9358	-58.61	-13.00	45.61	Horizontal
2699.5399	-56.19	-13.00	43.19	Horizontal
8644.7882	-54.00	-13.00	41.00	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	-5.70	-0.006876	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-3.00	-0.003619	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-11.90	-0.014355	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-2.70	-0.003228	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-13.10	-0.015660	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-6.80	-0.008129	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-3.70	-0.004384	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-4.90	-0.005806	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-2.50	-0.002962	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VL	NT	-7.40	-0.008926	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VN	NT	-3.70	-0.004463	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VH	NT	-9.30	-0.011218	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VL	NT	-9.10	-0.010879	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VN	NT	-9.70	-0.011596	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VH	NT	-8.90	-0.010640	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VL	NT	-5.10	-0.006043	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VN	NT	-5.60	-0.006635	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VH	NT	-11.70	-0.013863	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	-8.60	-0.010374	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-11.40	-0.013752	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-3.50	-0.004222	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-10.10	-0.012074	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-1.90	-0.002271	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-10.90	-0.013030	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-6.10	-0.007227	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-9.80	-0.011611	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-1.10	-0.001303	±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	-6.90	-0.008323	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-9.40	-0.011339	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-4.90	-0.005911	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-5.00	-0.006031	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-8.10	-0.009771	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-9.80	-0.011821	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-4.50	-0.005428	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-2.50	-0.003016	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-4.10	-0.004901	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-11.80	-0.014106	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-6.10	-0.007292	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-11.80	-0.014106	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-1.20	-0.001435	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-3.90	-0.004662	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-7.40	-0.008846	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-3.80	-0.004543	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-2.90	-0.003436	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-8.30	-0.009834	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-4.40	-0.005213	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-0.20	-0.000237	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-3.30	-0.003910	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	-10.60	-0.012559	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-9.00	-0.010664	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-3.70	-0.004384	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-30	-6.30	-0.007600	±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	-9.50	-0.011460	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	10	-10.00	-0.012063	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	20	-4.60	-0.005549	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	30	-4.40	-0.005308	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	40	-5.50	-0.006634	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	50	-4.80	-0.005790	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-30	-11.90	-0.014226	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-20	-5.30	-0.006336	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	0	-8.10	-0.009683	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	10	-3.70	-0.004423	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	20	-9.80	-0.011715	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	30	-11.50	-0.013748	±2.5	PASS



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Band5	10MHz	64QAM	20525	50RB#0	NV	40	-10.90	-0.013030	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	50	-6.80	-0.008129	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-30	-6.00	-0.007109	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-20	-4.20	-0.004976	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	0	-6.10	-0.007227	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	10	-9.30	-0.011019	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	20	-4.20	-0.004976	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	30	-3.40	-0.004028	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	40	-5.80	-0.006872	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	50	-5.60	-0.006635	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-3.50	-0.004222	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	-10.10	-0.012183	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-2.70	-0.003257	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-11.80	-0.014234	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	-10.00	-0.012063	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	-3.30	-0.003981	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	-1.40	-0.001689	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	-6.80	-0.008203	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-8.80	-0.010520	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	-8.70	-0.010400	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	-7.30	-0.008727	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-5.40	-0.006455	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-4.70	-0.005619	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-8.40	-0.010042	±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	-8.70	-0.010400	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	-2.90	-0.003436	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-11.10	-0.013152	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-7.70	-0.009123	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	-10.10	-0.011967	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-8.90	-0.010545	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	-7.10	-0.008412	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	-9.00	-0.010664	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	-1.80	-0.002133	±2.5	PASS



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