



# Appendix B

## E-UTRA Band 5



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## 1 Effective (Isotropic) Radiated Power

### 1.1. Test Result

For ANT1:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#2	23.52	16.37	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	23.69	16.54	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.48	16.33	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.61	16.46	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.88	16.73	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.66	16.51	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.70	15.55	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.59	16.44	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.68	16.53	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.48	16.33	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.61	16.46	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.53	16.38	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.76	16.61	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.61	15.46	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.44	16.29	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.70	16.55	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.68	16.53	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.65	16.5	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.80	16.65	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.59	16.44	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.71	15.56	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	21.89	14.74	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	21.32	14.17	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	21.81	14.66	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	21.64	14.49	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	21.60	14.45	38.45	PASS



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Band5	1.4MHz	64QAM	20407	3RB#3	21.63	14.48	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	20.81	13.66	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	21.25	14.1	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	22.16	15.01	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	21.58	14.43	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	21.56	14.41	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	21.68	14.53	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	21.68	14.53	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.72	13.57	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	21.74	14.59	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.67	14.52	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.49	14.34	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	21.65	14.5	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	21.71	14.56	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	21.73	14.58	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.61	13.46	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.93	15.78	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.36	15.21	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.83	15.68	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.68	15.53	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.63	15.48	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.62	15.47	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.78	14.63	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.25	15.1	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.20	16.05	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.55	15.4	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.60	15.45	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.67	15.52	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.69	15.54	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.73	14.58	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.74	15.59	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.67	15.52	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.47	15.32	38.45	PASS



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Band5	1.4MHz	16QAM	20643	3RB#1	22.68	15.53	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.69	15.54	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.74	15.59	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.65	14.5	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.55	16.4	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.55	16.4	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.72	16.57	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.68	15.53	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.71	15.56	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.62	15.47	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.72	15.57	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.66	16.51	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.63	16.48	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.65	16.5	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.63	15.48	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.81	15.66	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.76	15.61	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.73	15.58	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.70	16.55	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.74	16.59	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.67	16.52	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.68	15.53	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.72	15.57	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.83	15.68	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.78	15.63	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	21.36	14.21	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	22.35	15.2	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	21.78	14.63	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	20.75	13.6	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	20.73	13.58	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	20.51	13.36	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	20.67	13.52	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	22.00	14.85	38.45	PASS



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Band5	3MHz	64QAM	20525	1RB#14	22.05	14.9	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	21.74	14.59	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	20.61	13.46	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	20.59	13.44	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	20.61	13.46	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	20.72	13.57	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	21.52	14.37	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	21.62	14.47	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	22.13	14.98	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	20.67	13.52	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	20.71	13.56	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	20.79	13.64	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.80	13.65	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.33	15.18	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.32	16.17	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.84	15.69	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.77	14.62	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.78	14.63	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.52	14.37	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.70	14.55	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.99	15.84	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.04	15.89	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.71	15.56	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.61	14.46	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.62	14.47	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.61	14.46	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.73	14.58	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.55	15.4	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.60	15.45	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.09	15.94	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.68	14.53	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.69	14.54	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.80	14.65	38.45	PASS



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Band5	3MHz	16QAM	20635	15RB#0	21.77	14.62	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.57	16.42	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.62	16.47	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.44	16.29	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.62	15.47	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.71	15.56	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.62	15.47	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.61	15.46	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.53	16.38	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.51	16.36	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.57	16.42	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.73	15.58	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.78	15.63	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.72	15.57	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.79	15.64	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.57	16.42	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.65	16.5	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.52	16.37	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.67	15.52	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.74	15.59	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.62	15.47	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.61	15.46	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	21.68	14.53	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	21.66	14.51	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	22.05	14.9	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	20.67	13.52	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	20.66	13.51	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	20.66	13.51	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	20.70	13.55	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	21.90	14.75	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	21.29	14.14	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	21.58	14.43	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	20.79	13.64	38.45	PASS



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Band5	5MHz	64QAM	20525	12RB#6	20.60	13.45	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	20.69	13.54	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.66	13.51	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	21.88	14.73	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	21.66	14.51	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	21.76	14.61	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	20.63	13.48	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	20.63	13.48	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	20.58	13.43	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.61	13.46	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.72	15.57	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.71	15.56	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.09	15.94	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.64	14.49	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.64	14.49	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.66	14.51	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.71	14.56	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.94	15.79	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.33	15.18	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.54	15.39	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.75	14.6	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.64	14.49	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.66	14.51	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.70	14.55	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.86	15.71	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.62	15.47	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.78	15.63	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.59	14.44	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.64	14.49	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.58	14.43	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.63	14.48	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.79	16.64	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.72	16.57	38.45	PASS



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Band5	10MHz	QPSK	20450	1RB#49	23.55	16.4	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	23.03	15.88	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.78	15.63	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.80	15.65	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.78	15.63	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.64	16.49	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.71	16.56	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.59	16.44	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.84	15.69	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.79	15.64	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.70	15.55	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.83	15.68	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.71	16.56	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.76	16.61	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.60	16.45	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.02	15.87	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.78	15.63	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.83	15.68	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.84	15.69	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	21.52	14.37	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	21.94	14.79	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.77	14.62	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	20.72	13.57	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	20.73	13.58	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	20.84	13.69	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	20.82	13.67	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.89	14.74	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	21.59	14.44	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	21.96	14.81	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	20.86	13.71	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	20.86	13.71	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	20.83	13.68	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.79	13.64	38.45	PASS



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Band5	10MHz	64QAM	20600	1RB#0	22.04	14.89	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	21.97	14.82	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	21.68	14.53	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	20.68	13.53	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	20.72	13.57	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	20.72	13.57	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.84	13.69	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.44	15.29	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.97	15.82	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.76	15.61	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.79	14.64	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.87	14.72	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.79	14.64	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.73	14.58	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.19	16.04	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.93	15.78	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.79	15.64	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.79	14.64	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.74	14.59	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.72	14.57	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.81	14.66	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.50	15.35	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.82	15.67	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.91	15.76	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.70	14.55	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.76	14.61	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.64	14.49	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.89	14.74	38.45	PASS



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**For ANT2:**

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#2	23.35	16.86	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	23.68	17.19	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.32	16.83	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.54	17.05	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.49	17	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.57	17.08	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.65	16.16	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.35	16.86	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.49	17	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.41	16.92	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.51	17.02	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.57	17.08	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.51	17.02	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.62	16.13	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.41	16.92	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.65	17.16	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.41	16.92	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.72	17.23	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.49	17	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.52	17.03	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.59	16.1	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	21.99	15.5	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	21.92	15.43	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	21.47	14.98	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	21.51	15.02	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	21.71	15.22	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	21.44	14.95	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	20.53	14.04	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	21.62	15.13	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	21.59	15.1	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	21.33	14.84	38.45	PASS



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Band5	1.4MHz	64QAM	20525	3RB#0	21.29	14.8	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	21.46	14.97	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	21.43	14.94	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.75	14.26	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	21.42	14.93	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.66	15.17	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.60	15.11	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	21.48	14.99	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	21.19	14.7	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	21.36	14.87	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.70	14.21	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.05	16.56	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.97	16.48	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.49	16	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.56	16.07	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.72	16.23	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.49	16	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.56	15.07	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.58	16.09	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.58	16.09	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.32	15.83	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.25	15.76	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.48	15.99	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.49	16	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.76	15.27	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.41	15.92	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.69	16.2	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.64	16.15	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.45	15.96	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.25	15.76	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.34	15.85	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.71	15.22	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.60	17.11	38.45	PASS



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Band5	3MHz	QPSK	20415	1RB#0	23.49	17	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.45	16.96	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.56	16.07	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.62	16.13	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.55	16.06	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.57	16.08	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.55	17.06	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.84	17.35	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.54	17.05	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.64	16.15	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.64	16.15	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.61	16.12	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.60	16.11	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.53	17.04	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.89	17.4	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.45	16.96	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.62	16.13	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.63	16.14	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.57	16.08	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.60	16.11	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	21.93	15.44	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	21.73	15.24	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	21.55	15.06	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	20.60	14.11	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	20.67	14.18	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	20.48	13.99	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	20.49	14	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	21.67	15.18	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	22.06	15.57	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	21.88	15.39	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	20.56	14.07	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	20.62	14.13	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	20.61	14.12	38.45	PASS



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Band5	3MHz	64QAM	20525	15RB#0	20.66	14.17	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	21.68	15.19	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	21.86	15.37	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	21.58	15.09	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	20.61	14.12	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	20.55	14.06	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	20.73	14.24	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.59	14.1	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.97	16.48	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.72	16.23	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.61	16.12	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.66	15.17	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.70	15.21	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.53	15.04	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.45	14.96	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.69	16.2	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.06	16.57	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.91	16.42	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.56	15.07	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.64	15.15	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.67	15.18	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.63	15.14	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.68	16.19	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.83	16.34	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.62	16.13	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.63	15.14	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.53	15.04	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.70	15.21	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.55	15.06	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.42	16.93	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.43	16.94	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.34	16.85	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.56	16.07	38.45	PASS



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Band5	5MHz	QPSK	20425	12RB#6	22.60	16.11	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.57	16.08	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.57	16.08	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.41	16.92	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.61	17.12	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.43	16.94	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.50	16.01	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.61	16.12	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.60	16.11	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.70	16.21	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.47	16.98	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.47	16.98	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.34	16.85	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.60	16.11	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.60	16.11	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.63	16.14	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.46	15.97	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	21.58	15.09	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	21.47	14.98	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	21.57	15.08	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	20.58	14.09	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	20.55	14.06	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	20.53	14.04	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	20.48	13.99	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	21.20	14.71	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	21.51	15.02	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	21.75	15.26	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	20.52	14.03	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	20.55	14.06	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	20.57	14.08	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.57	14.08	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	21.67	15.18	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	21.38	14.89	38.45	PASS



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Band5	5MHz	64QAM	20625	1RB#0	21.68	15.19	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	20.43	13.94	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	20.62	14.13	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	20.37	13.88	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.37	13.88	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.59	16.1	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.49	16	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.61	16.12	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.59	15.1	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.51	15.02	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.56	15.07	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.53	15.04	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.22	15.73	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.49	16	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.76	16.27	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.53	15.04	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.54	15.05	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.53	15.04	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.54	15.05	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.63	16.14	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.37	15.88	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.66	16.17	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.42	14.93	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.60	15.11	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.38	14.89	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.38	14.89	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.57	17.08	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.50	17.01	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.55	17.06	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.65	16.16	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.65	16.16	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.65	16.16	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.68	16.19	38.45	PASS



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Band5	10MHz	QPSK	20525	1RB#49	23.51	17.02	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.84	17.35	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.54	17.05	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.69	16.2	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.65	16.16	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.67	16.18	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.79	16.3	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.60	17.11	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.80	17.31	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.61	17.12	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.62	16.13	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.65	16.16	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.60	16.11	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.66	16.17	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	21.74	15.25	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	21.88	15.39	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.43	14.94	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	20.63	14.14	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	20.62	14.13	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	20.68	14.19	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	20.68	14.19	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.62	15.13	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	21.86	15.37	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	21.72	15.23	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	20.75	14.26	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	20.62	14.13	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	20.53	14.04	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.79	14.3	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	21.67	15.18	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	21.47	14.98	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	21.68	15.19	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	20.57	14.08	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	20.56	14.07	38.45	PASS



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Band5	10MHz	64QAM	20600	25RB#0	20.53	14.04	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.71	14.22	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.90	16.41	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.86	16.37	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.55	16.06	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.68	15.19	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.66	15.17	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.54	15.05	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.59	15.1	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.97	16.48	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.13	16.64	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.10	16.61	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.54	15.05	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.53	15.04	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.57	15.08	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.75	15.26	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.92	16.43	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.67	16.18	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.70	16.21	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.64	15.15	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.60	15.11	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.57	15.08	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.65	15.16	38.45	PASS

**Remark:**

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

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

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



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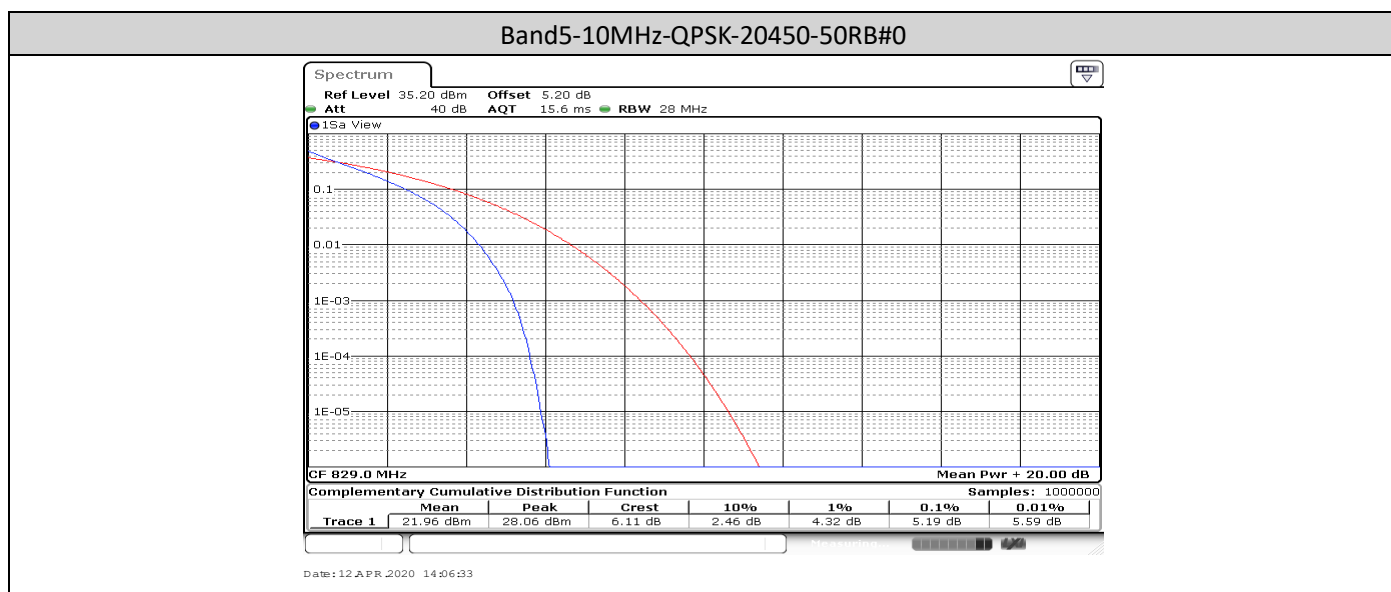


## 2. Peak-to-Average Ratio (CCDF)

### 2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	5.19	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.33	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.75	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	5.77	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.26	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	6.14	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.86	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.06	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.51	13	PASS

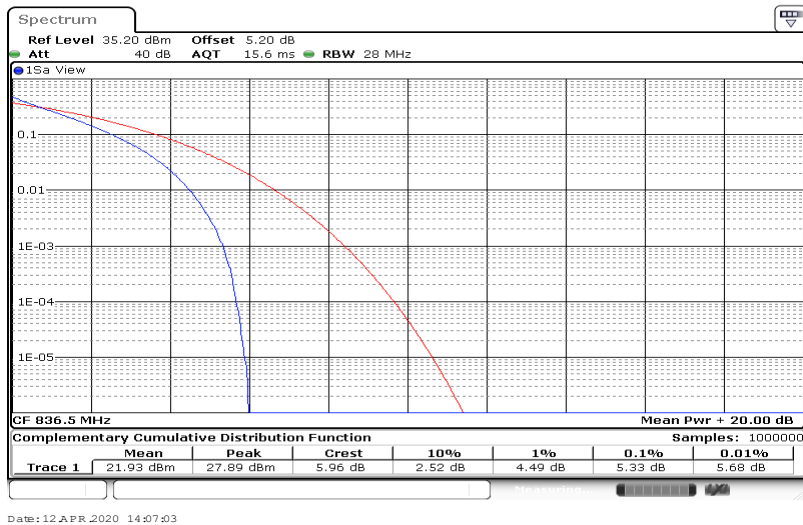
### 2.2. Test Plots



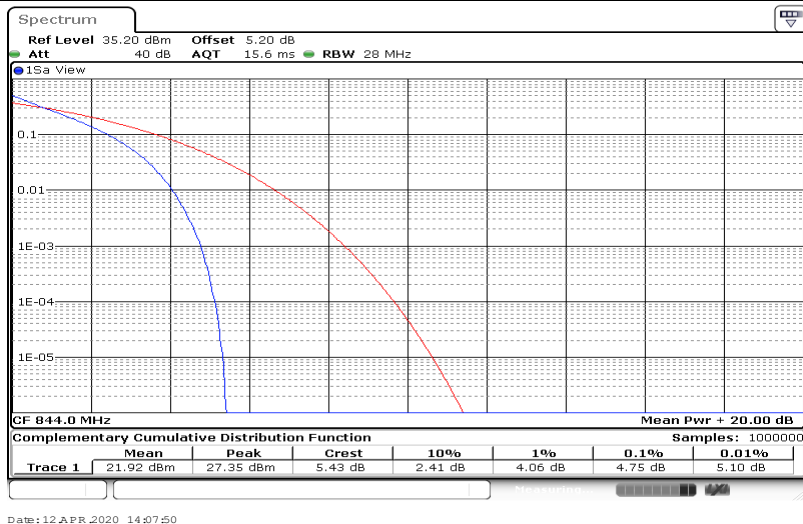




Band5-10MHz-QPSK-20525-50RB#0

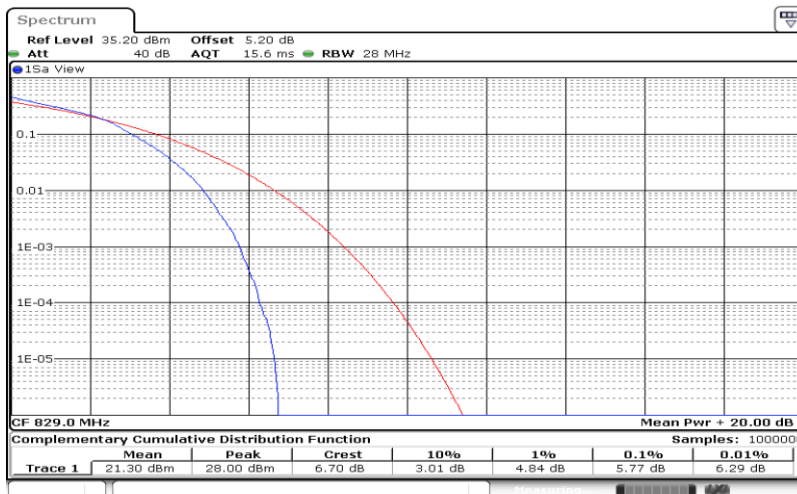


Band5-10MHz-QPSK-20600-50RB#0



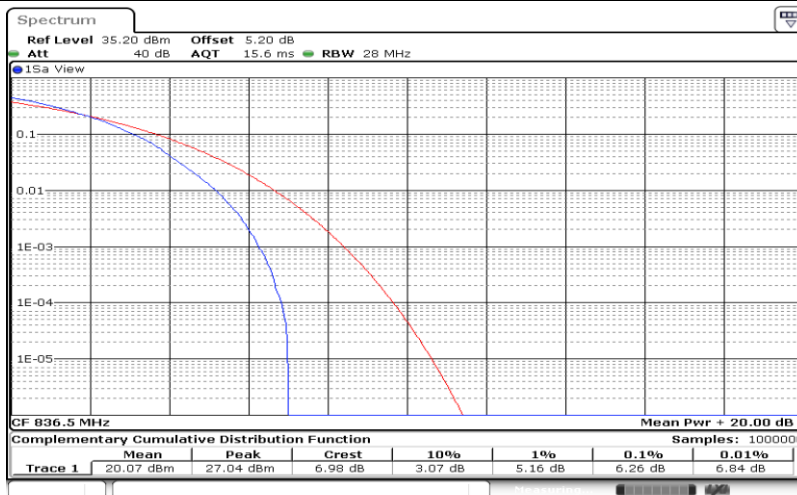


Band5-10MHz-64QAM-20450-50RB#0



Date: 6 MAY.2020 08:29:57

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



Date: 6 MAY.2020 08:30:20



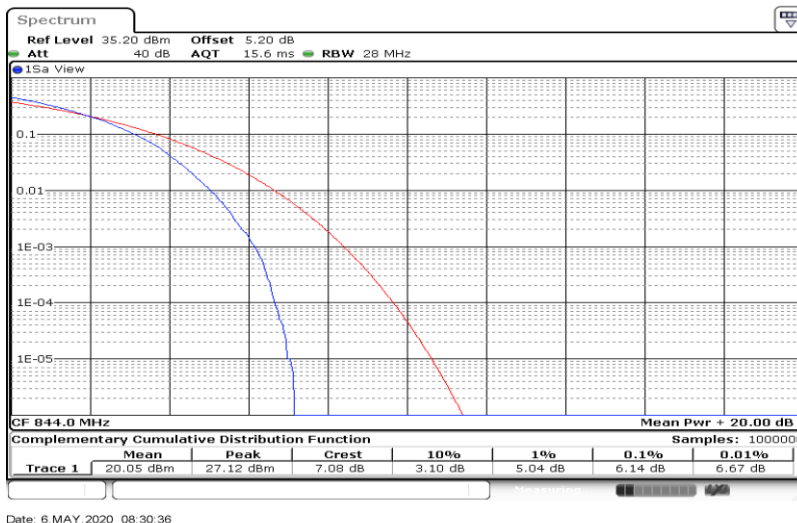
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Band5-10MHz-64QAM-20600-50RB#0

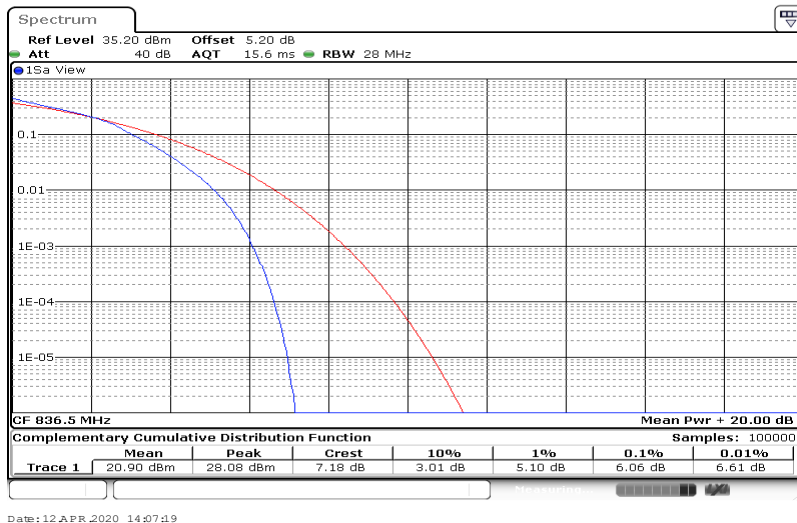


Band5-10MHz-16QAM-20450-50RB#0

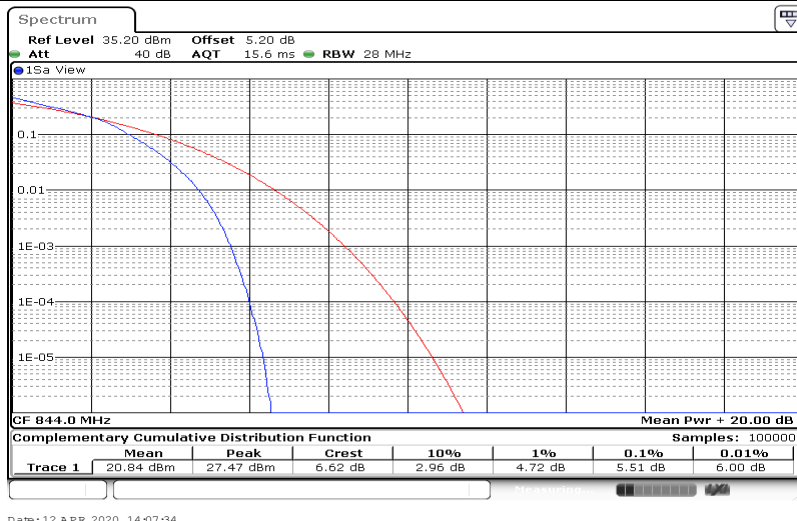




Band5-10MHz-16QAM-20525-50RB#0



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

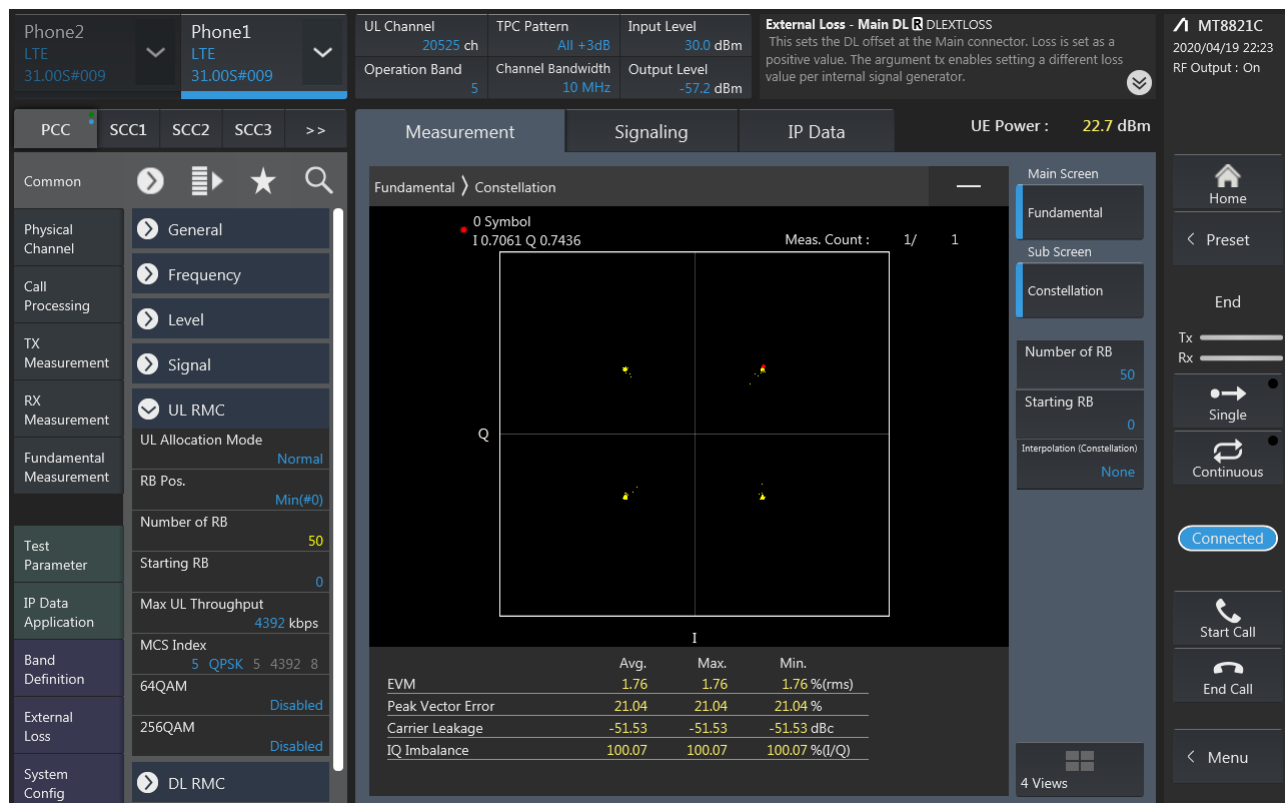




### 3. Modulation Characteristics

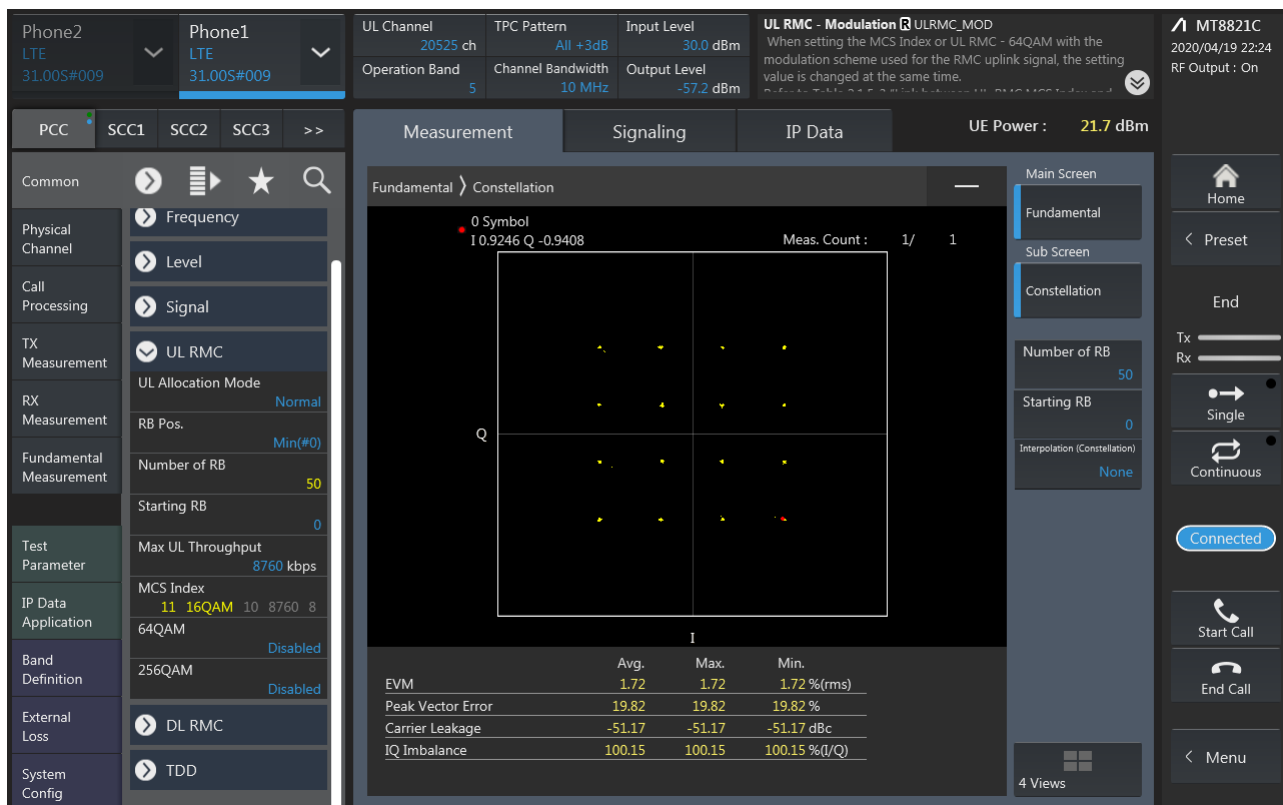
#### 3.1. Test Mode = LTE /TM1 10MHz

##### 3.1.1. Test Channel = MCH



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

### 3.2.1.Test Channel = MCH



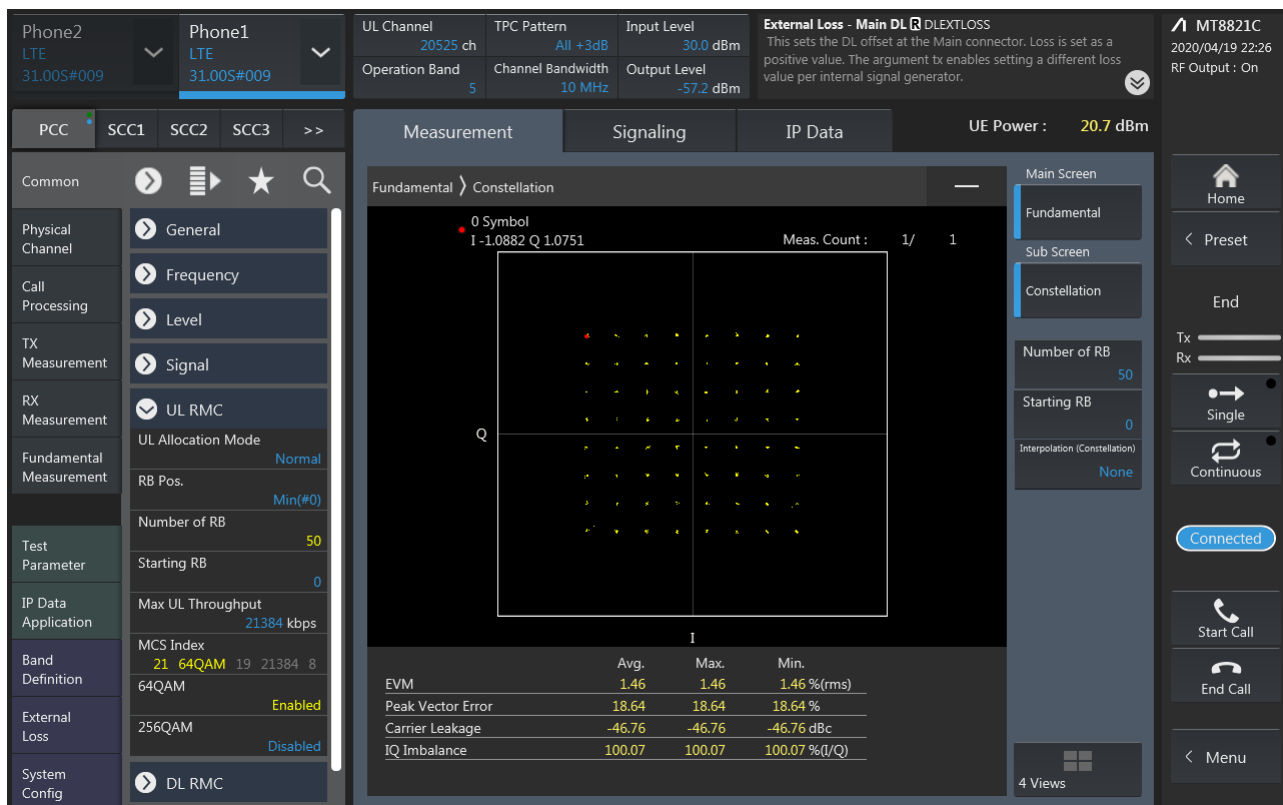
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### 3.3. Test Mode = LTE /TM3 10MHz

#### 3.3.1.Test Channel = MCH





## 4. 26dB Bandwidth and Occupied Bandwidth

### 4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.088	1.284	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.088	1.278	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.088	1.287	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.094	1.278	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.094	1.272	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.124	1.320	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.088	1.284	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.088	1.281	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.091	1.296	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.685	2.886	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.691	2.892	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.691	2.994	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.673	2.862	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.673	2.850	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.691	2.898	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.673	2.880	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.673	2.874	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.679	2.946	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.476	4.790	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.476	4.750	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.476	4.740	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.476	4.730	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.466	4.760	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.476	4.770	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.456	4.740	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.476	4.740	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.486	4.770	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.971	9.420	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.971	9.440	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.971	9.460	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.931	9.660	PASS



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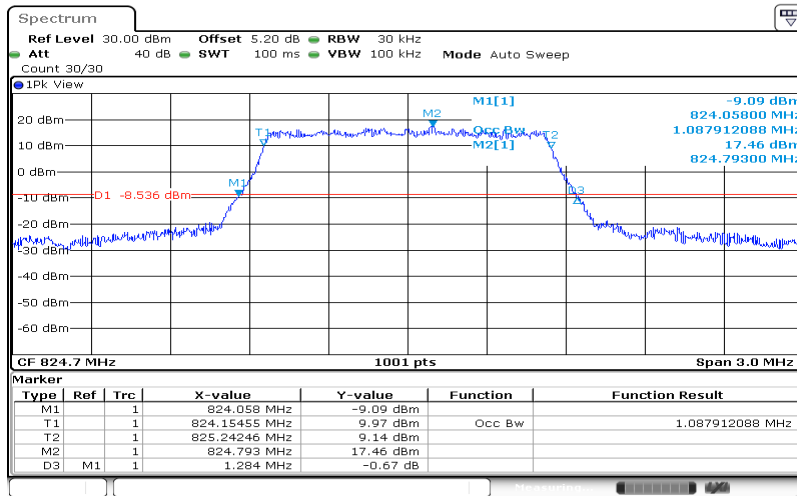




Band5	10MHz	64QAM	20525	50RB#0	8.911	9.620	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.951	9.360	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.971	9.440	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.971	9.420	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.951	9.380	PASS

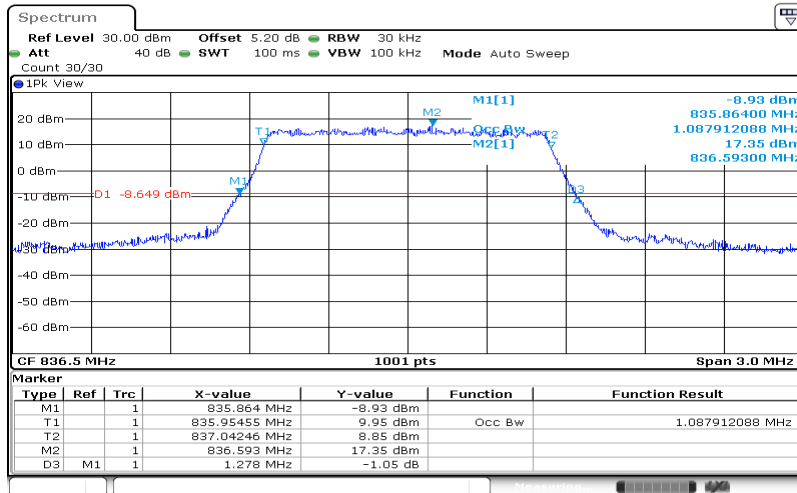
## 4.2. Test Plots

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



Date: 12 APR 2020 13:37:15

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

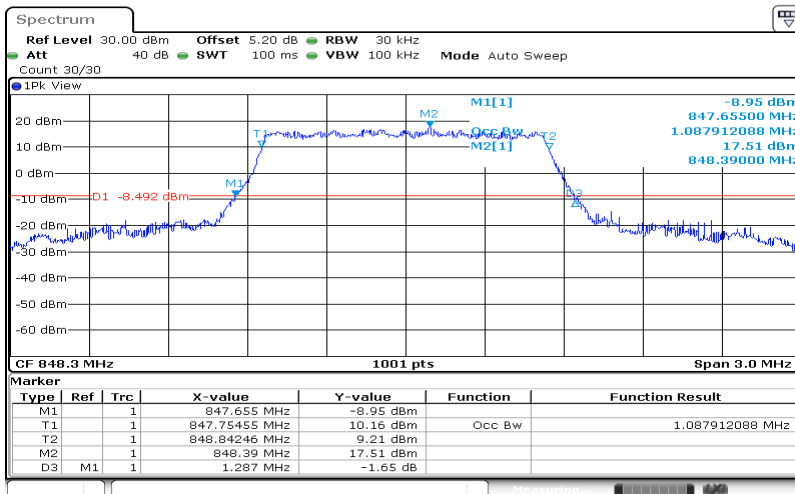


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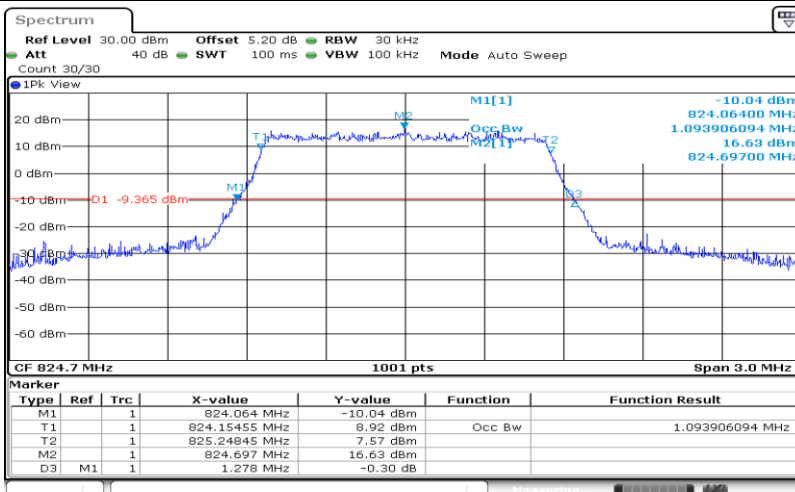


Band5-1.4MHz-QPSK-20643-6RB#0-1.088



Date: 12 APR 2020 13:38:18

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



Date: 6 MAY 2020 08:13:33



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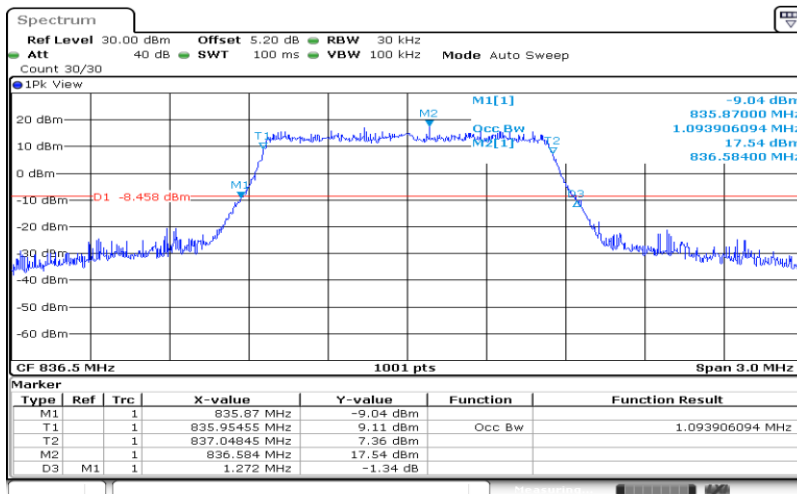
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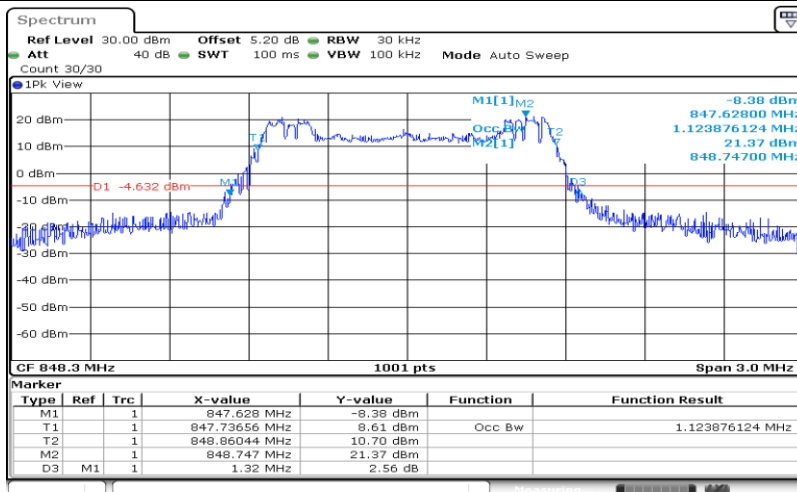


Band5-1.4MHz-64QAM-20525-6RB#0-1.094



Date: 6 MAY.2020 08:13:48

Band5-1.4MHz-64QAM-20643-6RB#0-1.124



Date: 6 MAY.2020 08:14:01



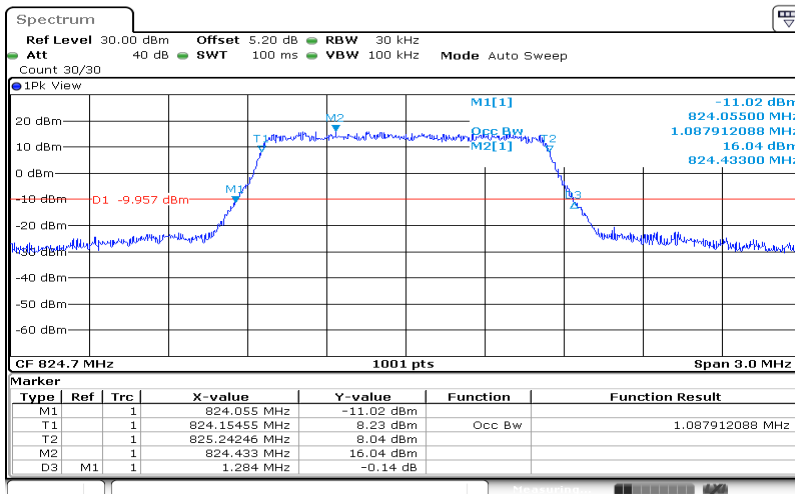
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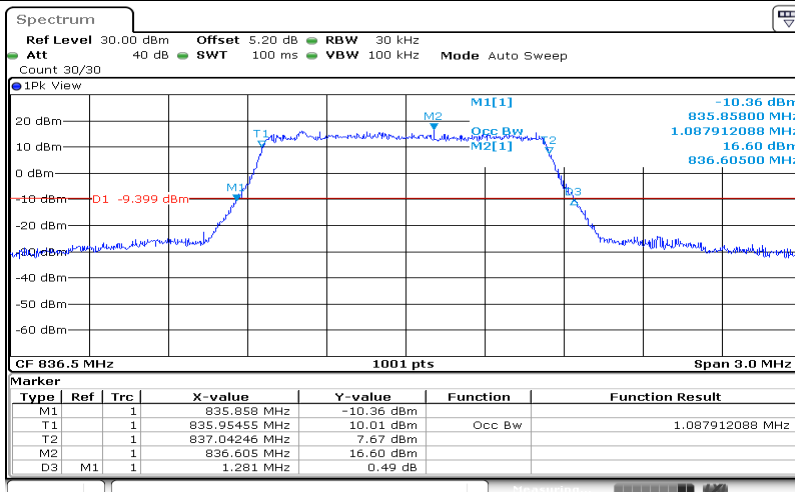


Band5-1.4MHz-16QAM-20407-6RB#0-1.088



Date: 12 APR 2020 13:37:31

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



Date: 12 APR 2020 13:38:02



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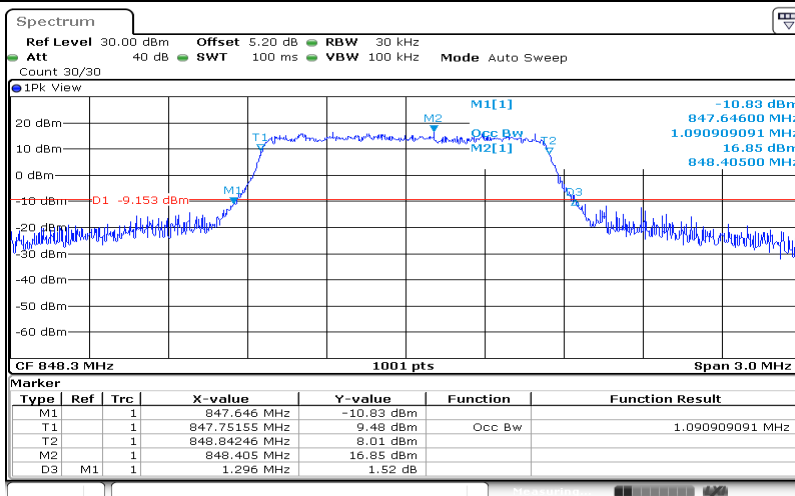
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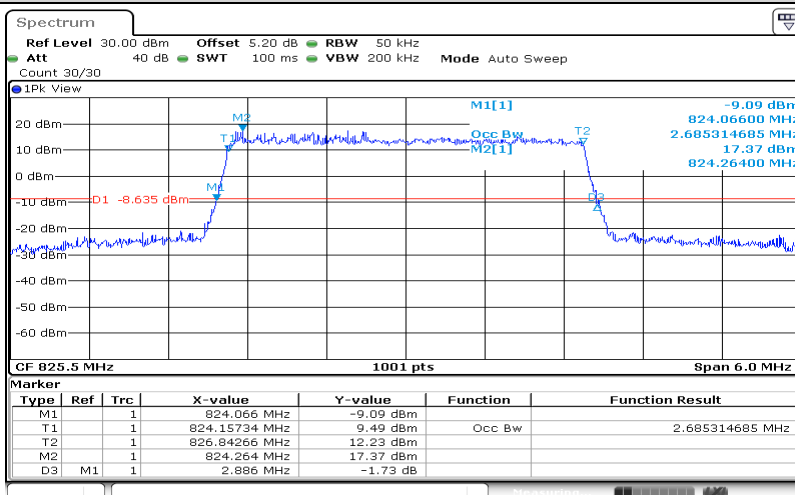


Band5-1.4MHz-16QAM-20643-6RB#0-1.091



Date: 12 APR 2020 13:38:34

Band5-3MHz-QPSK-20415-15RB#0-2.685



Date: 12 APR 2020 13:38:54



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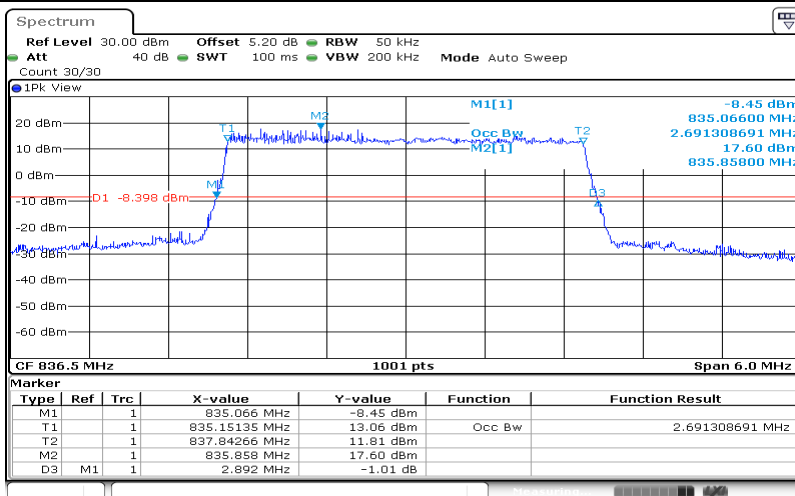
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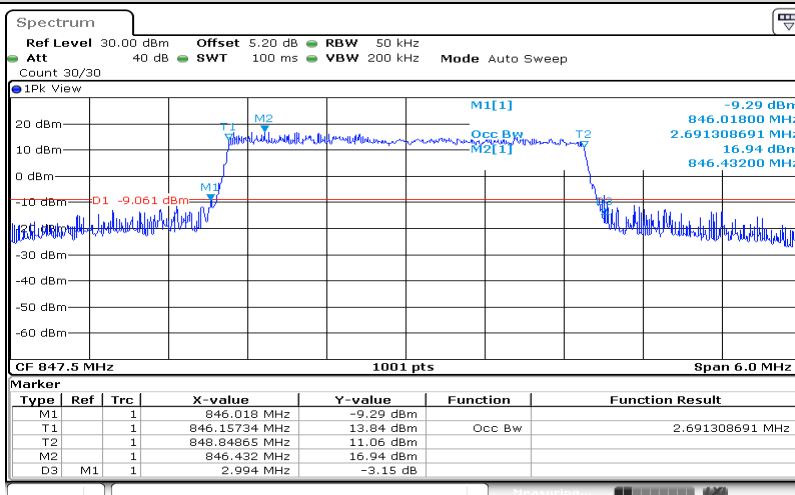


Band5-3MHz-QPSK-20525-15RB#0-2.691



Date: 12 APR 2020 13:39:26

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



Date: 12 APR 2020 13:39:57



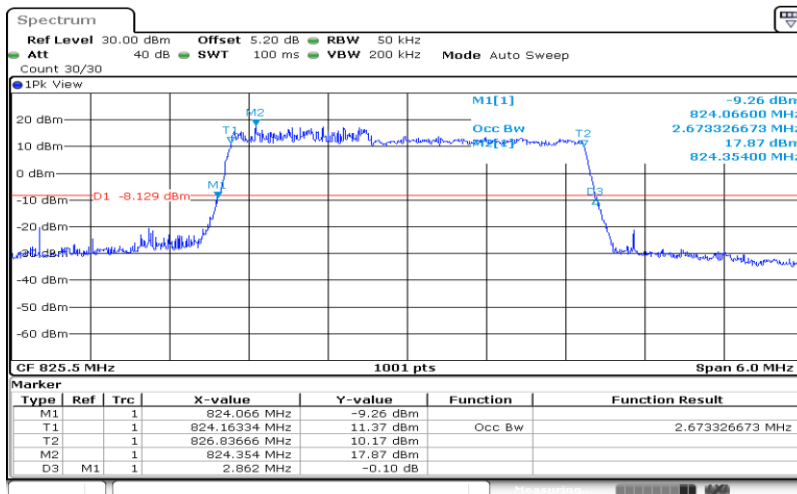
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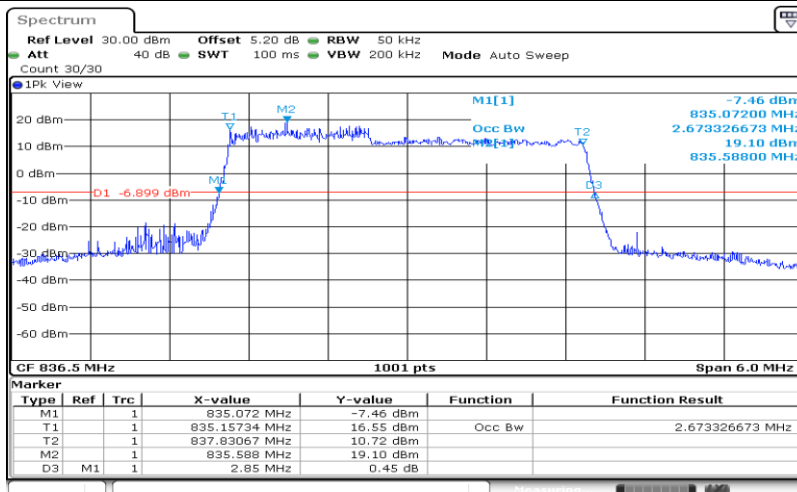


Band5-3MHz-64QAM-20415-15RB#0-2.673



Date: 6 MAY.2020 08:14:21

Band5-3MHz-64QAM-20525-15RB#0-2.673



Date: 6 MAY.2020 08:14:35

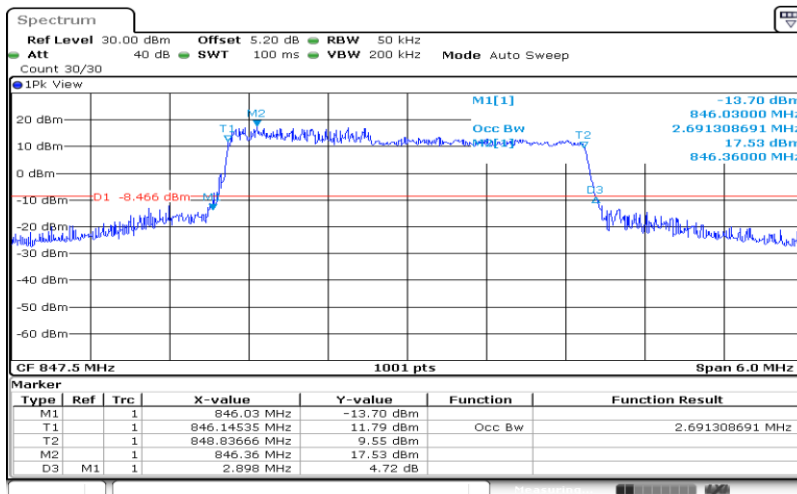


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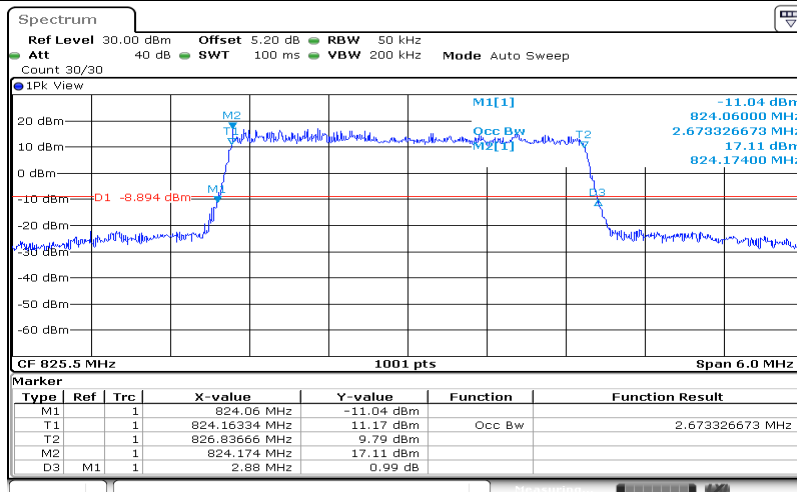


Band5-3MHz-64QAM-20635-15RB#0-2.691



Date: 6 MAY 2020 08:14:48

Band5-3MHz-16QAM-20415-15RB#0-2.673



Date: 12 APR 2020 13:39:10



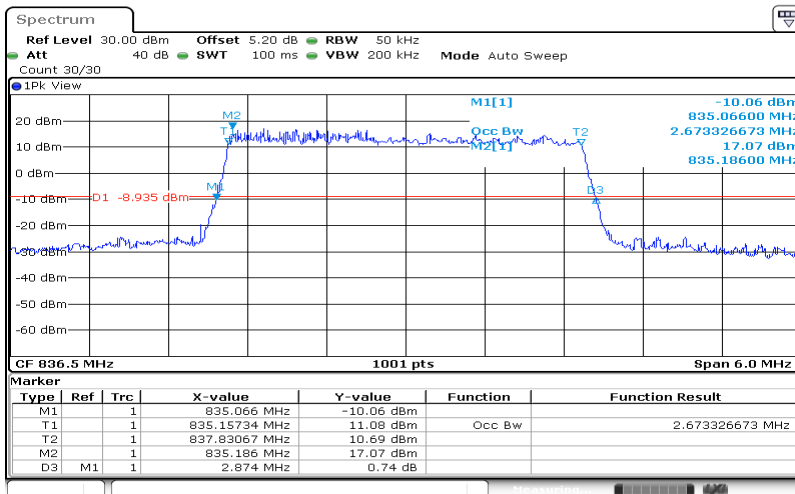
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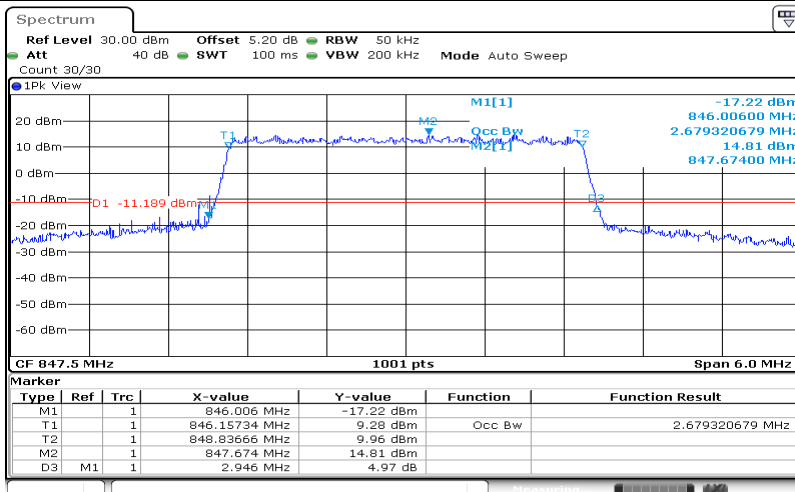


Band5-3MHz-16QAM-20525-15RB#0-2.673



Date: 12 APR 2020 13:39:42

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



Date: 12 APR 2020 13:40:13

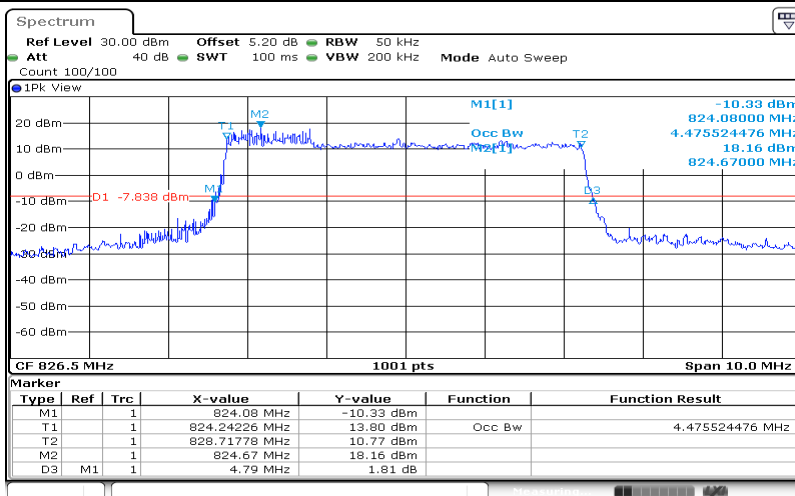


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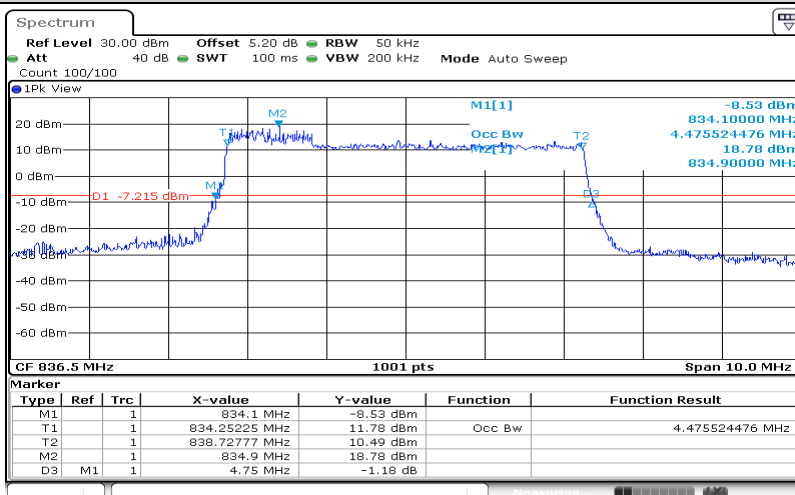


Band5-5MHz-QPSK-20425-25RB#0-4.476



Date: 12 APR 2020 13:40:41

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



Date: 12 APR 2020 13:41:26

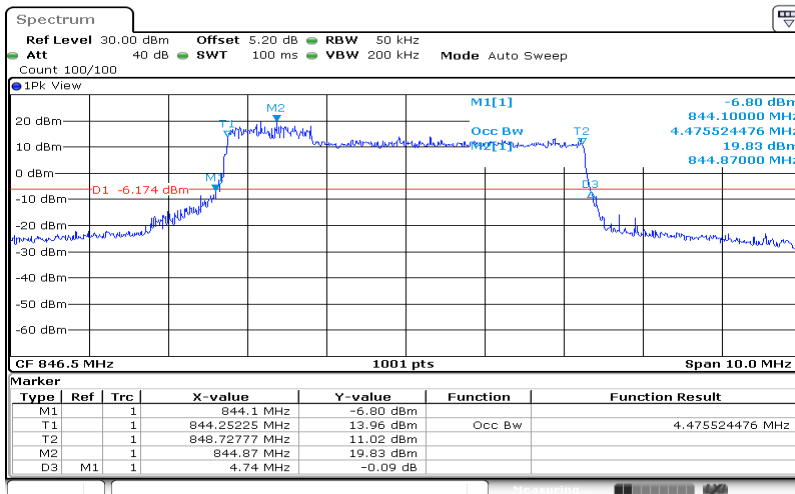


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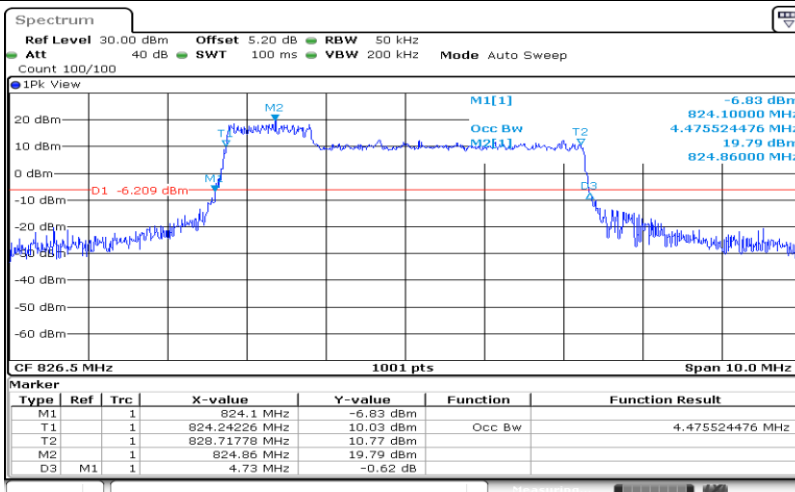


Band5-5MHz-QPSK-20625-25RB#0-4.476



Date: 12 APR 2020 13:42:12

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



Date: 6 MAY 2020 08:15:12

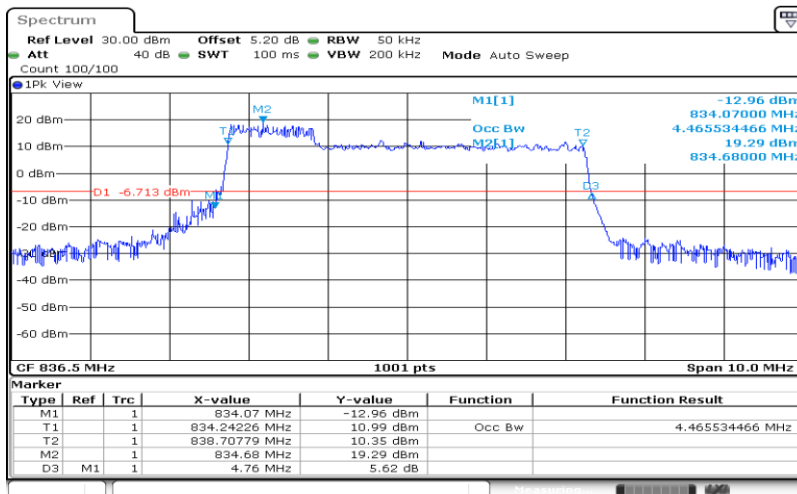


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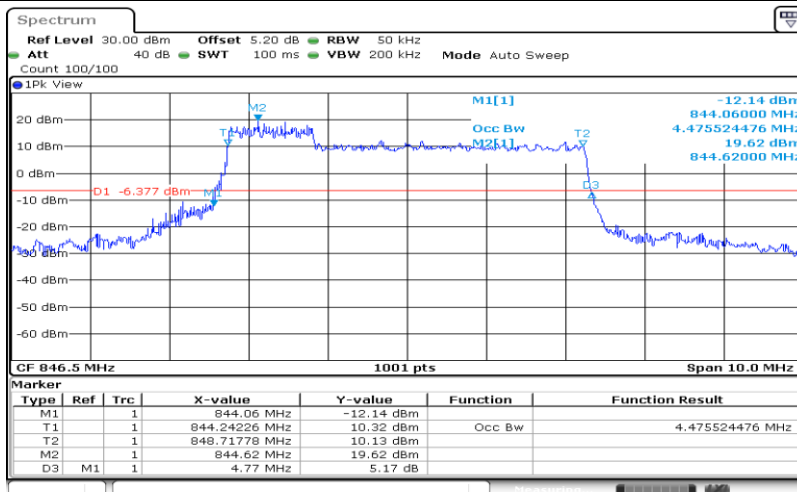


Band5-5MHz-64QAM-20525-25RB#0-4.466



Date: 6 MAY.2020 08:15:32

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Date: 6 MAY.2020 08:15:52



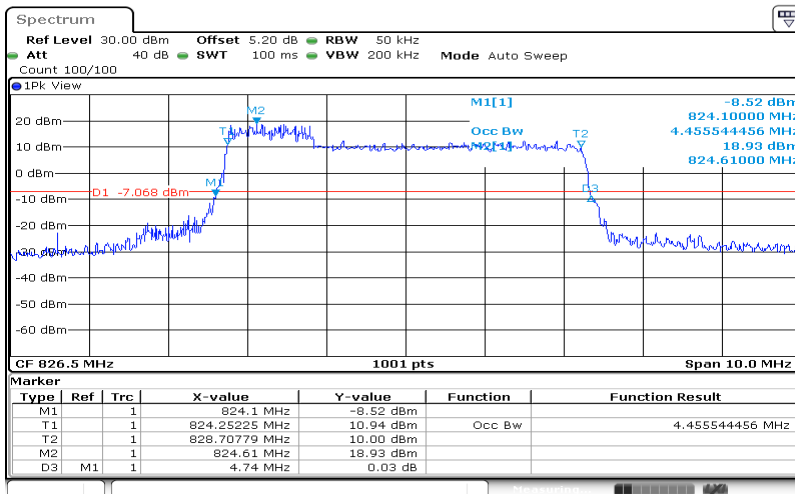
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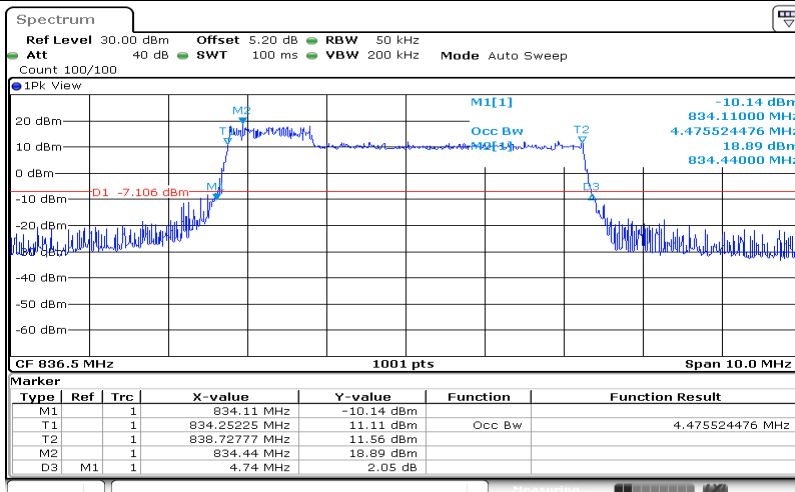


Band5-5MHz-16QAM-20425-25RB#0-4.456



Date: 12 APR 2020 13:41:03

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



Date: 12 APR 2020 13:41:49



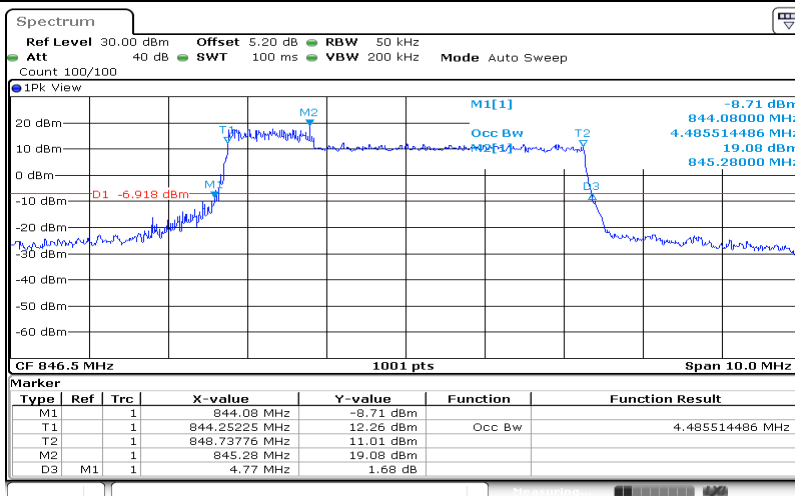
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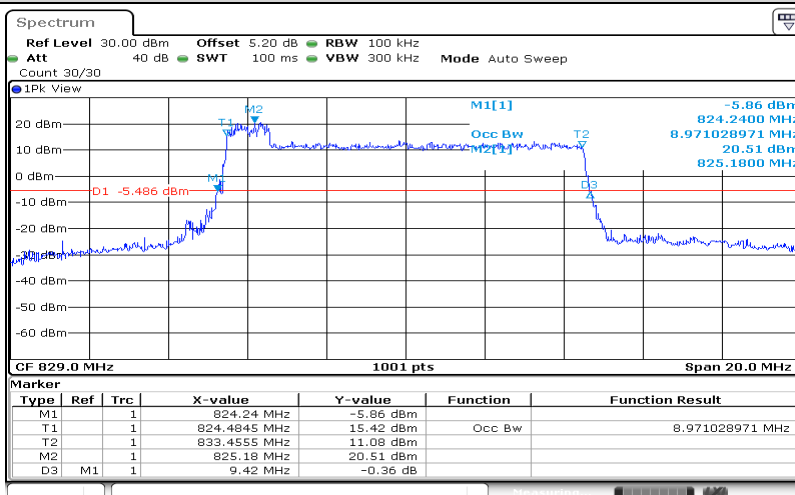


Band5-5MHz-16QAM-20625-25RB#0-4.486



Date: 12 APR 2020 13:42:34

Band5-10MHz-QPSK-20450-50RB#0-8.971



Date: 12 APR 2020 13:42:55



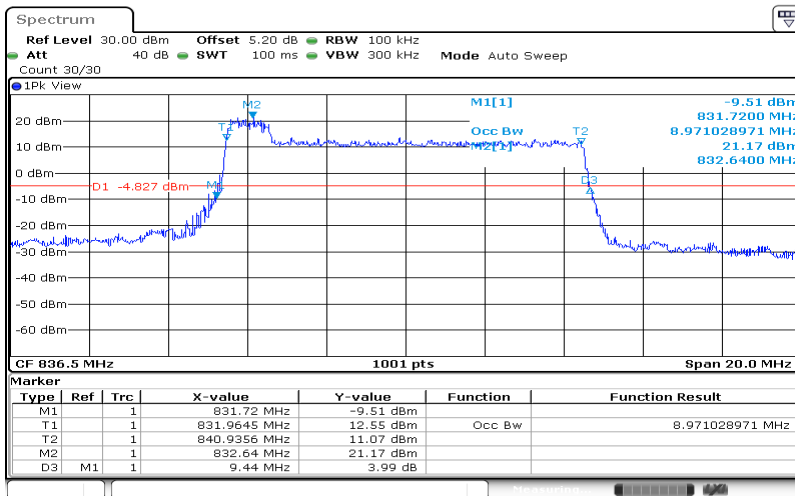
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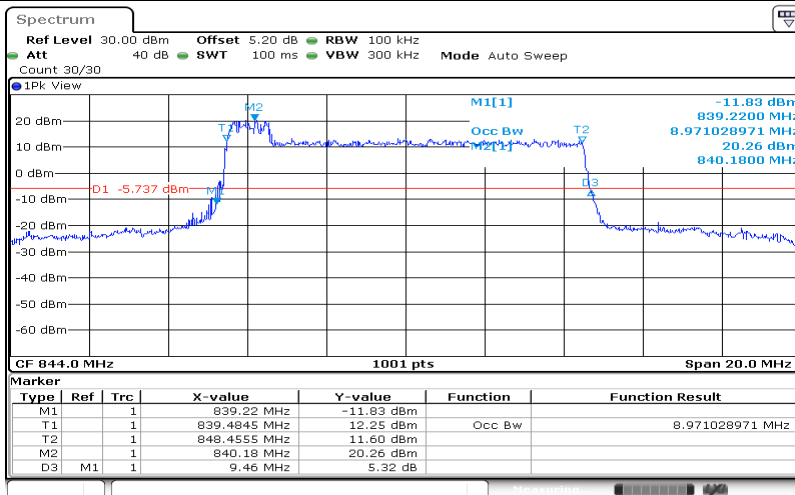


Band5-10MHz-QPSK-20525-50RB#0-8.971



Date: 12 APR 2020 13:43:26

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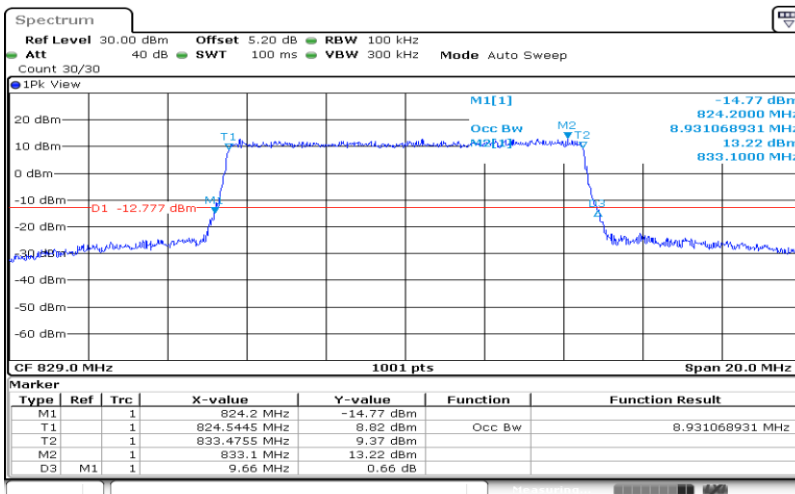


Date: 12 APR 2020 13:43:58



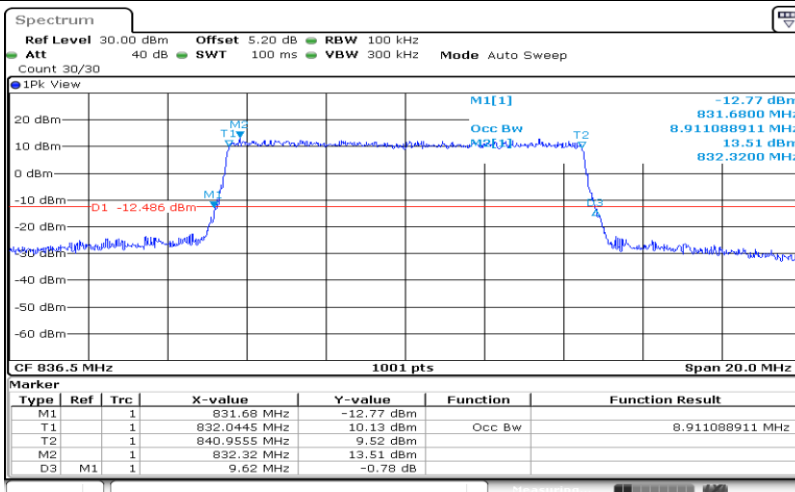


Band5-10MHz-64QAM-20450-50RB#0-8.931



Date: 6 MAY.2020 08:16:16

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



Date: 6 MAY.2020 08:16:39

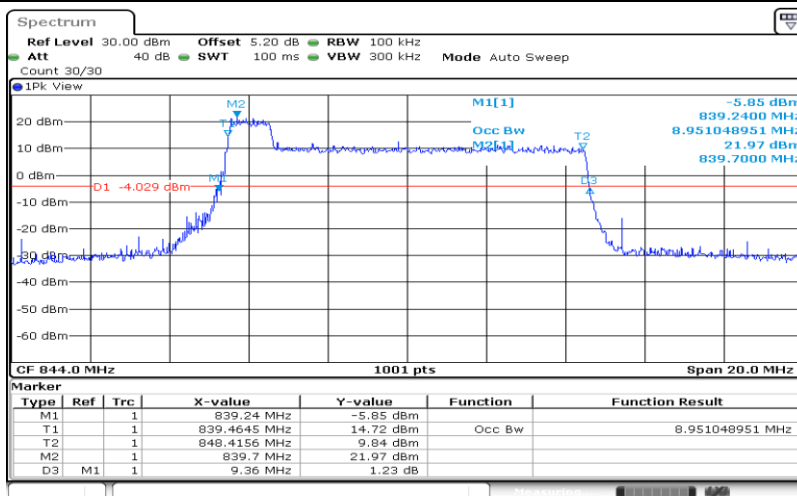


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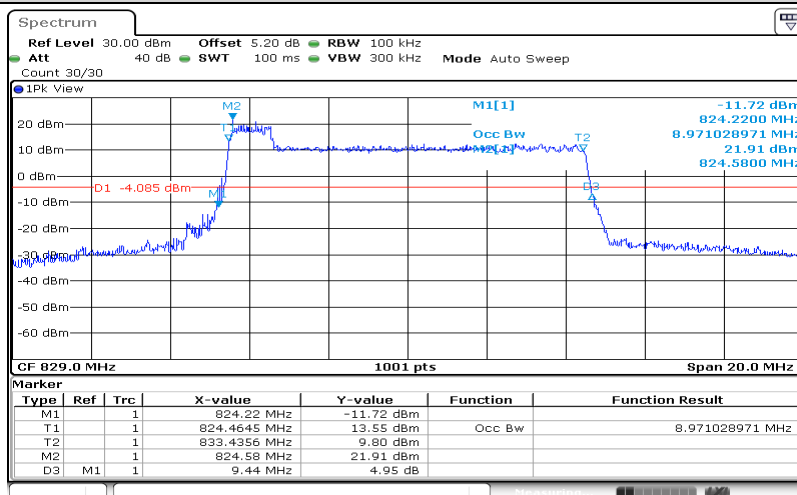


Band5-10MHz-64QAM-20600-50RB#0-8.951



Date: 6 MAY 2020 08:17:49

Band5-10MHz-16QAM-20450-50RB#0-8.971



Date: 12 APR 2020 13:43:10



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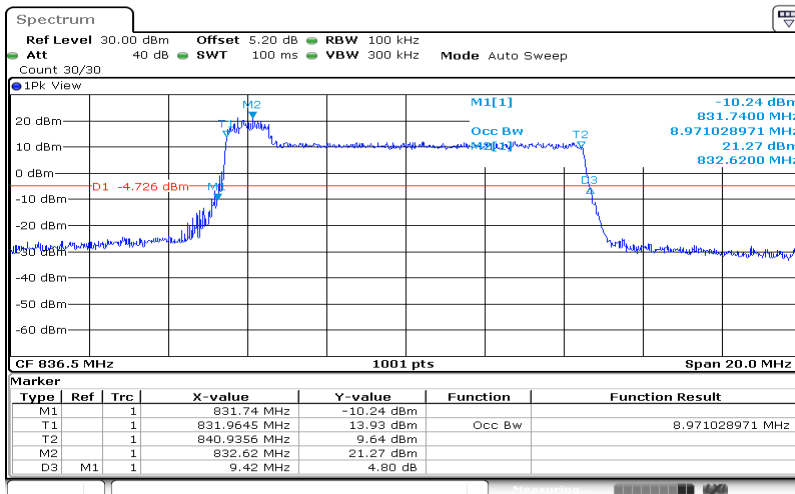
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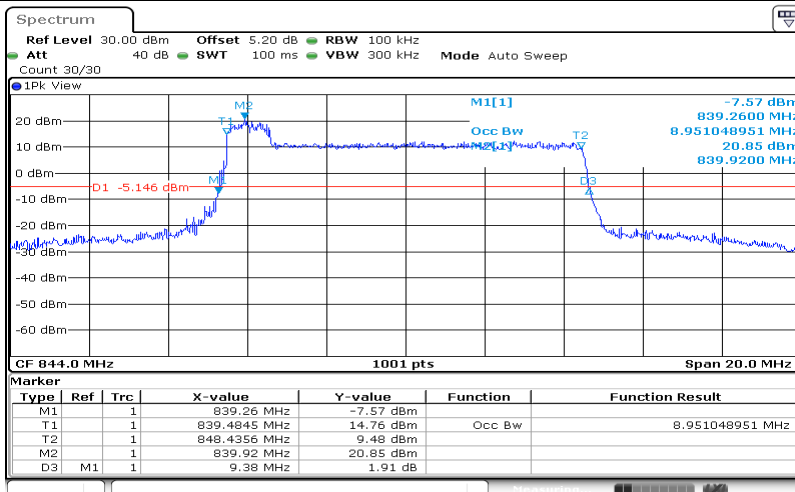


Band5-10MHz-16QAM-20525-50RB#0-8.971



Date: 12 APR 2020 13:43:42

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



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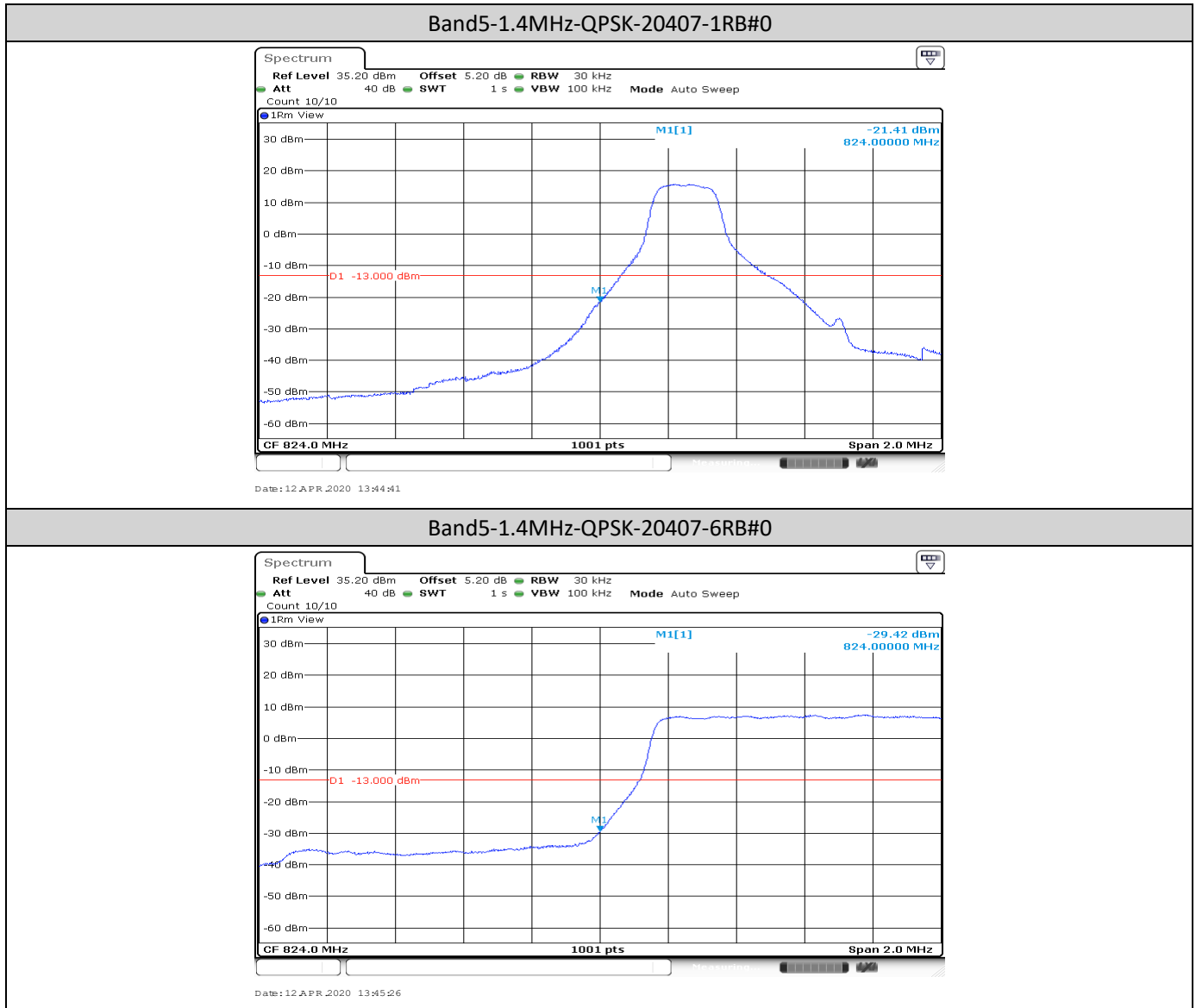
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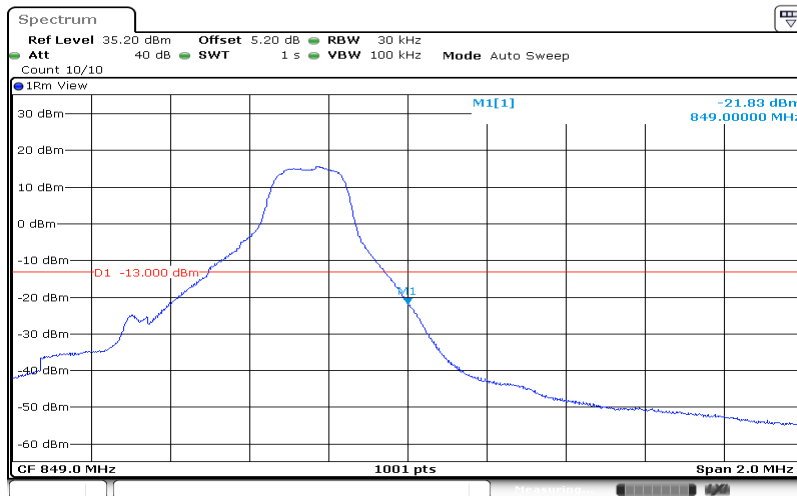
## 5. Band Edge Compliance

### 5.1. Test Plots



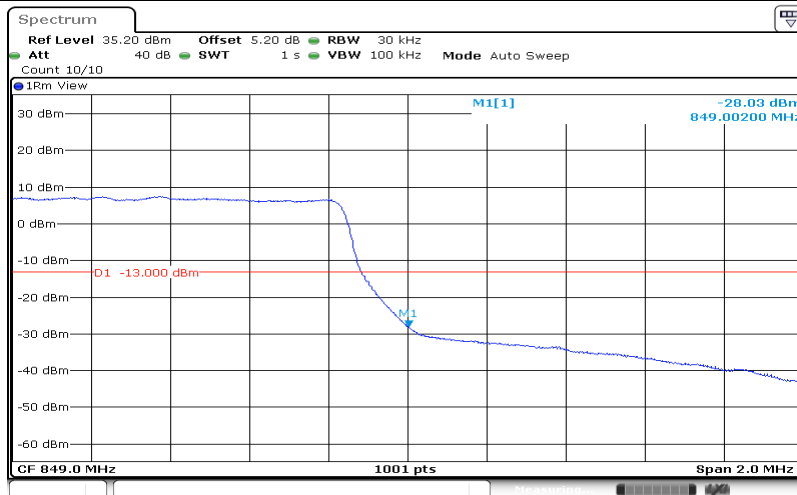


Band5-1.4MHz-QPSK-20643-1RB#5



Date: 12 APR 2020 13:46:16

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



Date: 12 APR 2020 13:47:01



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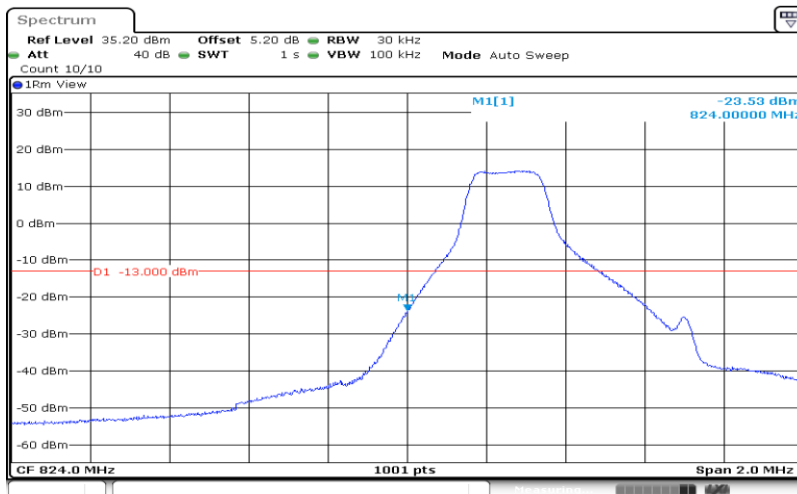
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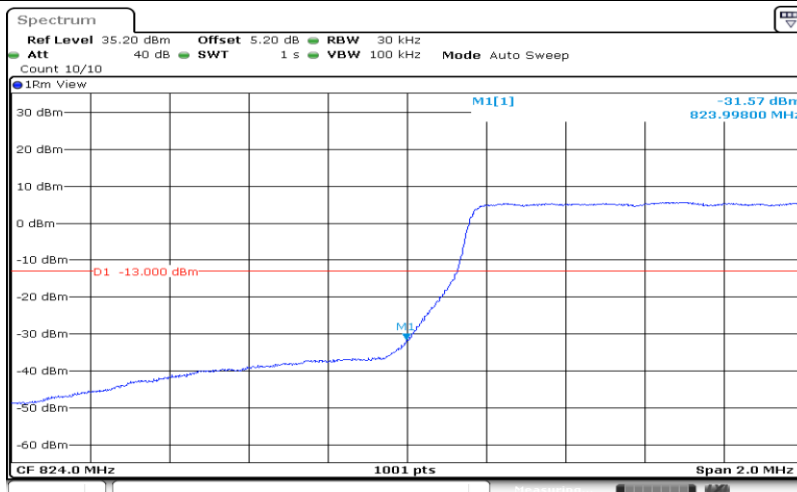


Band5-1.4MHz-64QAM-20407-1RB#0



Date: 6 MAY.2020 08:18:26

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



Date: 6 MAY.2020 08:18:46



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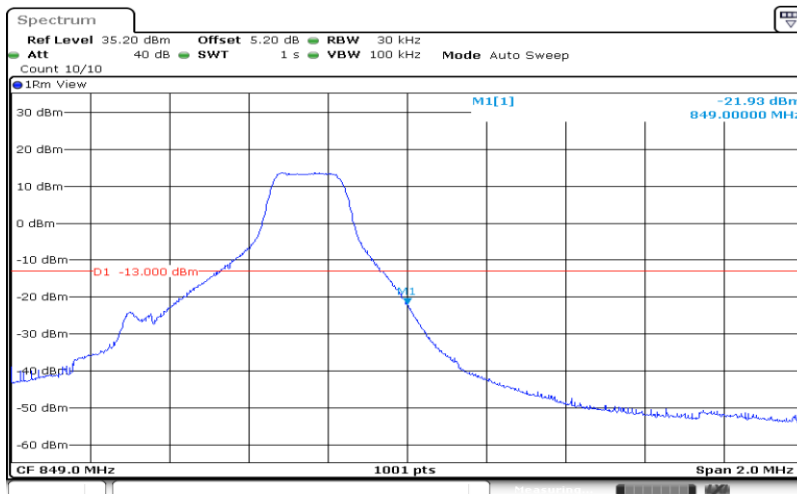
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Band5-1.4MHz-64QAM-20643-1RB#5



Date: 6 MAY.2020 08:19:12

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



Date: 6 MAY.2020 08:19:35



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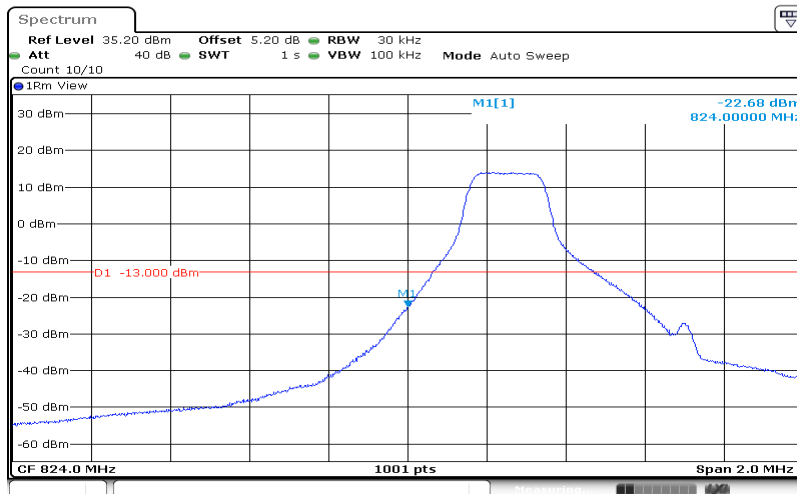
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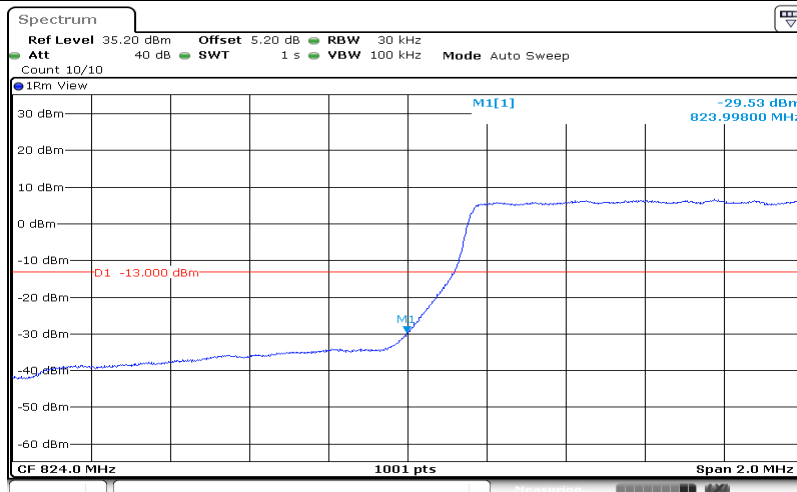


Band5-1.4MHz-16QAM-20407-1RB#0



Date: 12 APR 2020 13:45:04

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



Date: 12 APR 2020 13:45:49



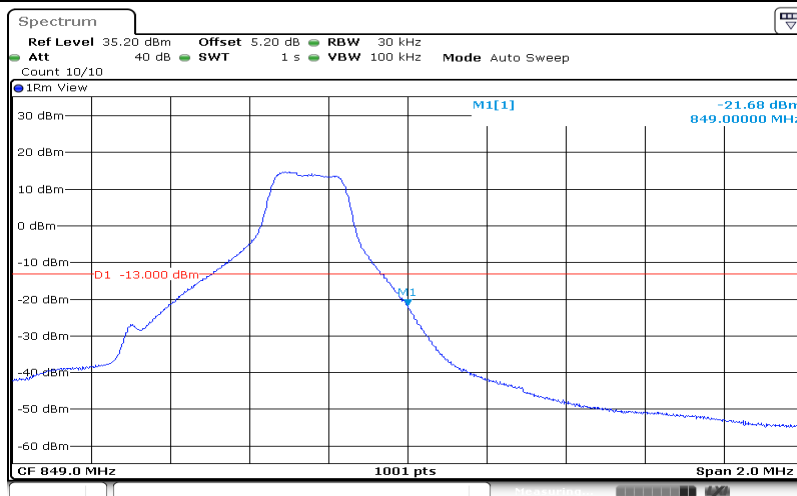
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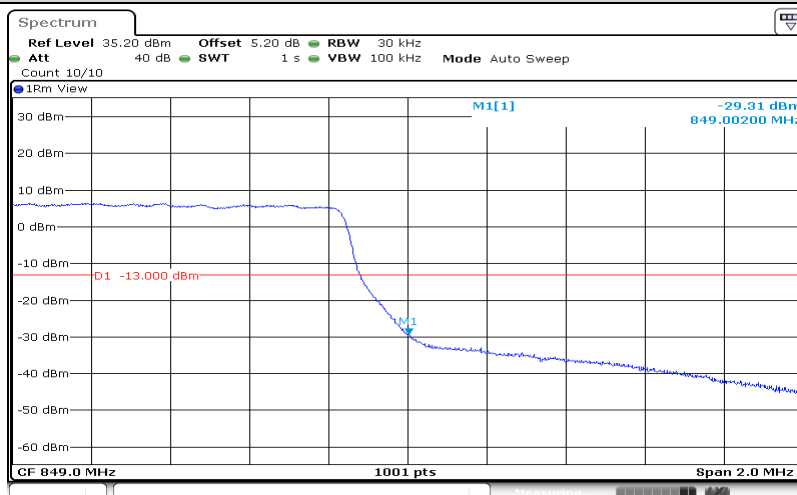


Band5-1.4MHz-16QAM-20643-1RB#5



Date: 12 APR 2020 13:46:38

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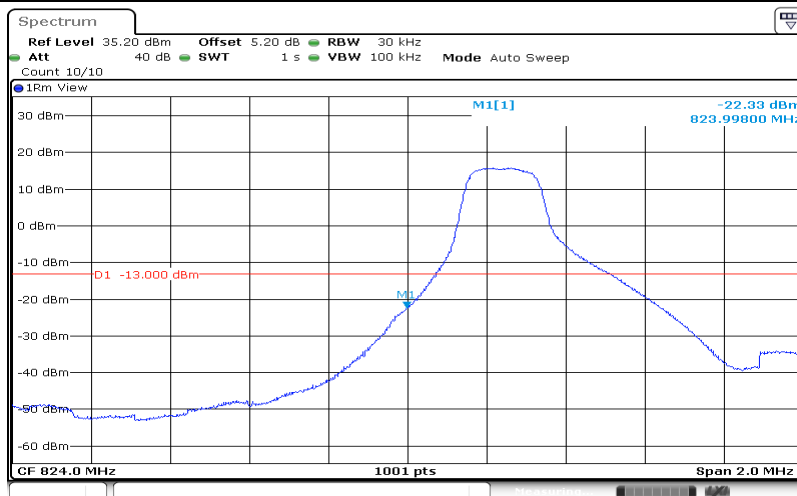
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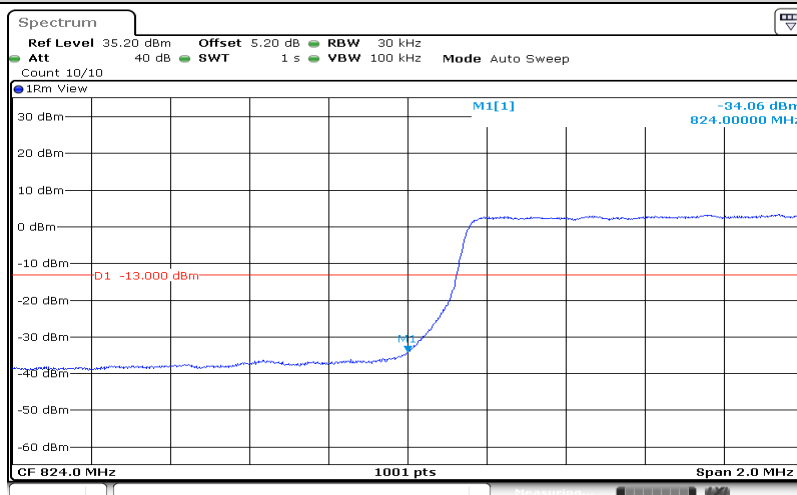


Band5-3MHz-QPSK-20415-1RB#0



Date: 12 APR 2020 13:47:52

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



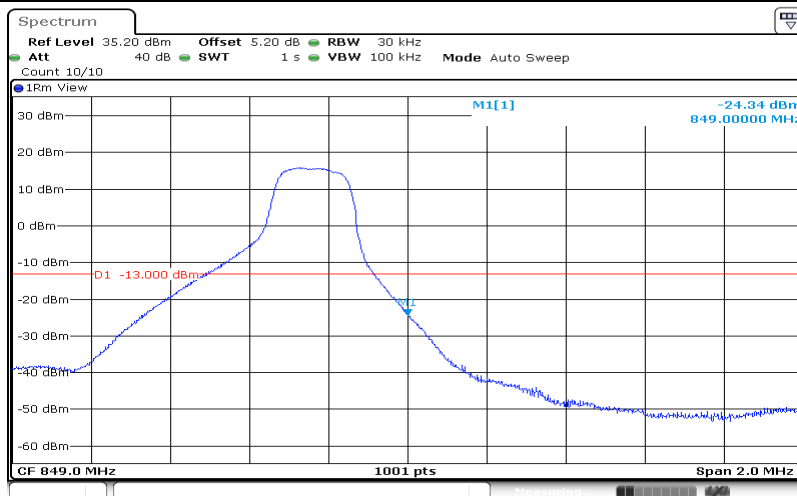
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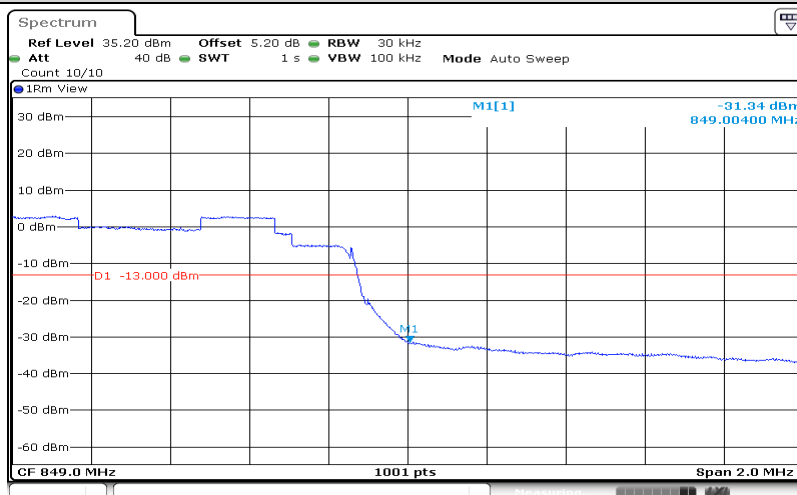


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Date: 12 APR 2020 13:49:26

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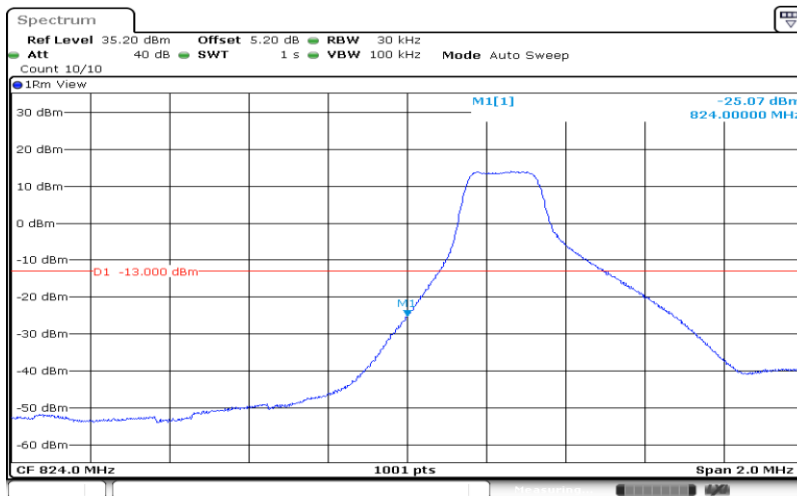


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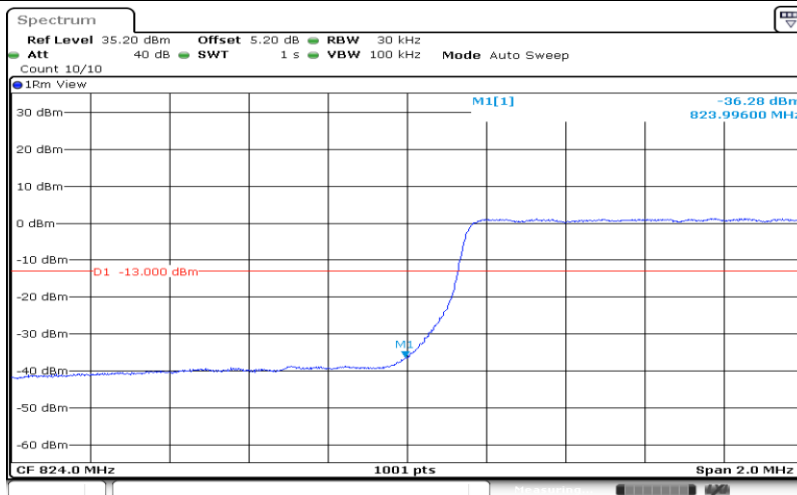


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Date: 6 MAY.2020 13:44:43

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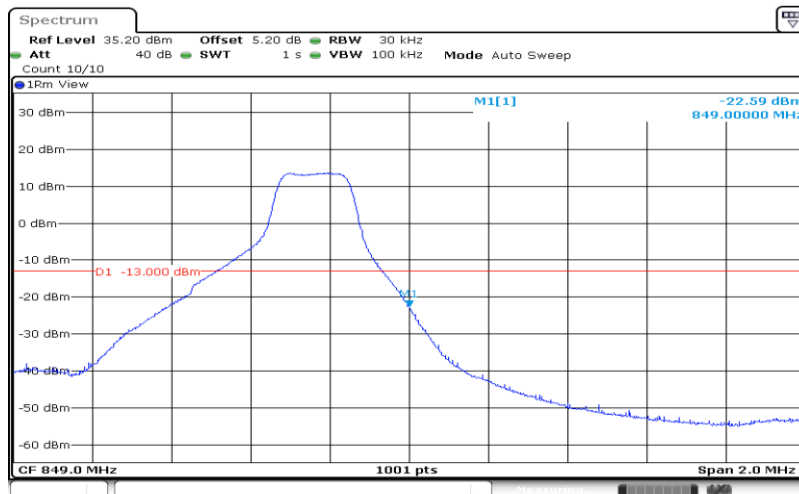


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Band5-3MHz-64QAM-20635-1RB#14



Date: 6 MAY.2020 13:47:41

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



Date: 6 MAY.2020 13:48:01

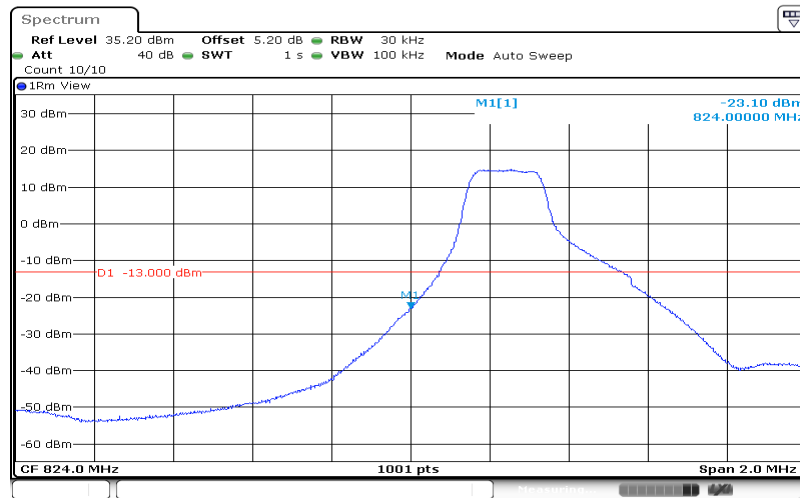


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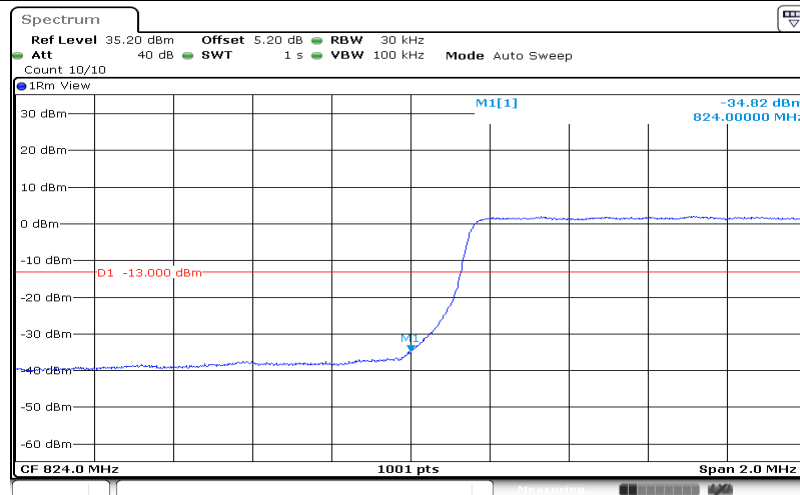


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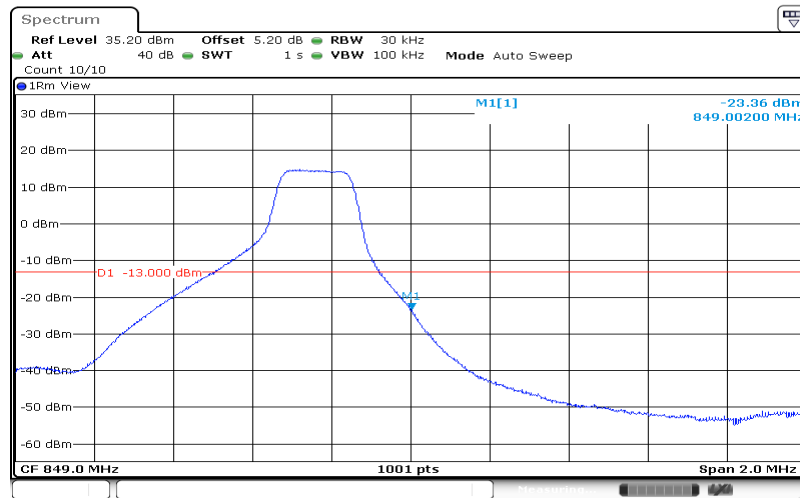


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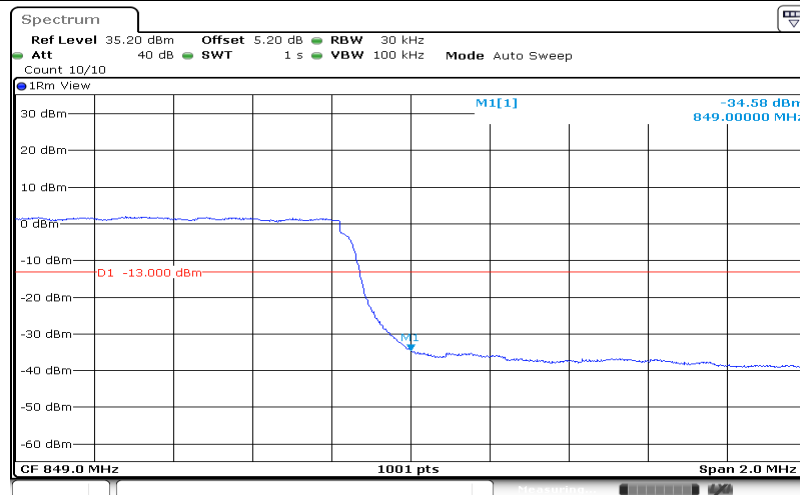


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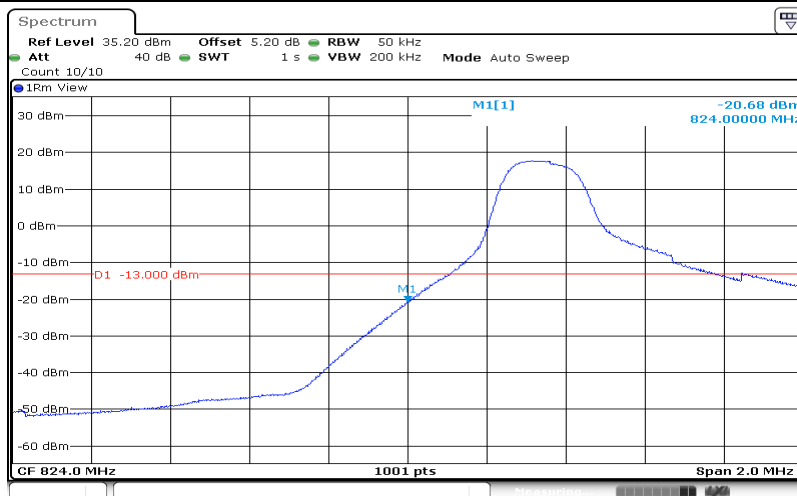


Date: 12 APR 2020 13:50:34



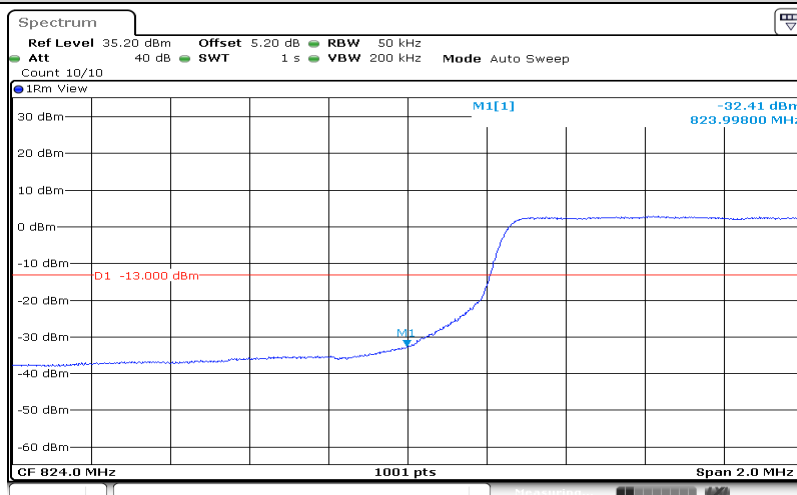


Band5-5MHz-QPSK-20425-1RB#0



Date: 12 APR 2020 13:51:01

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



Date: 12 APR 2020 13:51:46



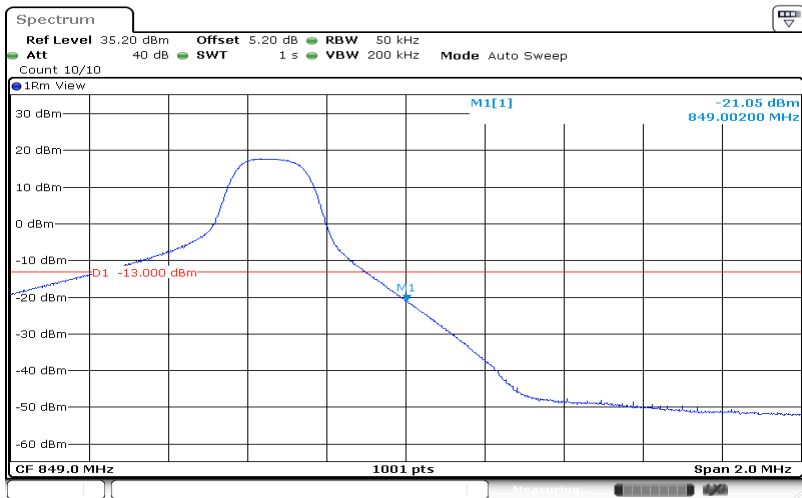
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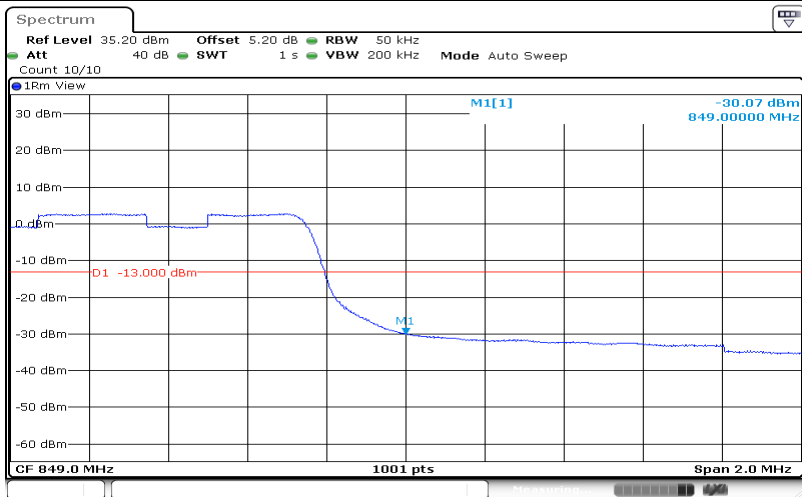


Band5-5MHz-QPSK-20625-1RB#24



Date: 12 APR 2020 13:52:36

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



Date: 12 APR 2020 13:53:21



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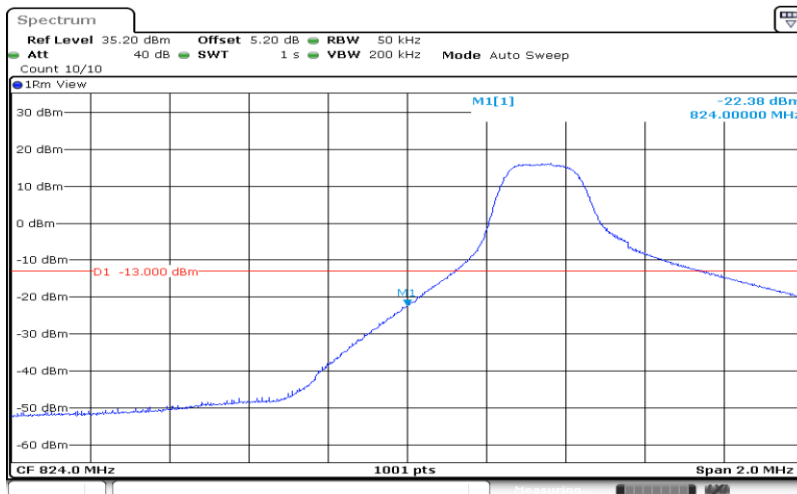
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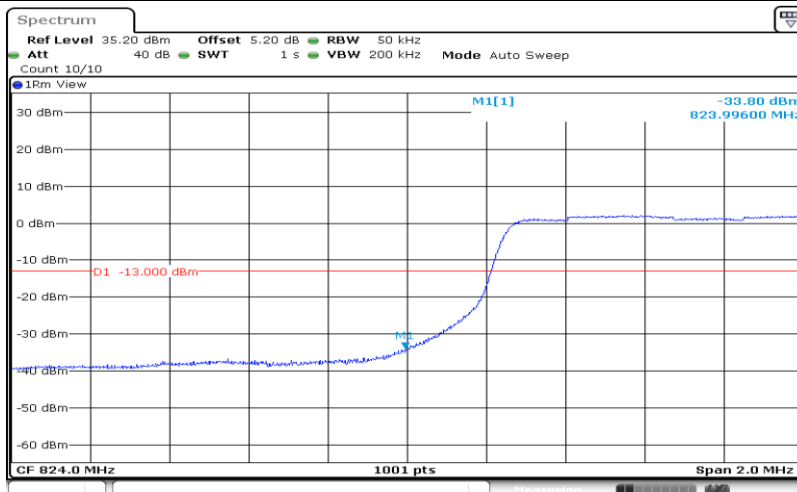


Band5-5MHz-64QAM-20425-1RB#0



Date: 6 MAY.2020 08:21:33

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



Date: 6 MAY.2020 08:21:54



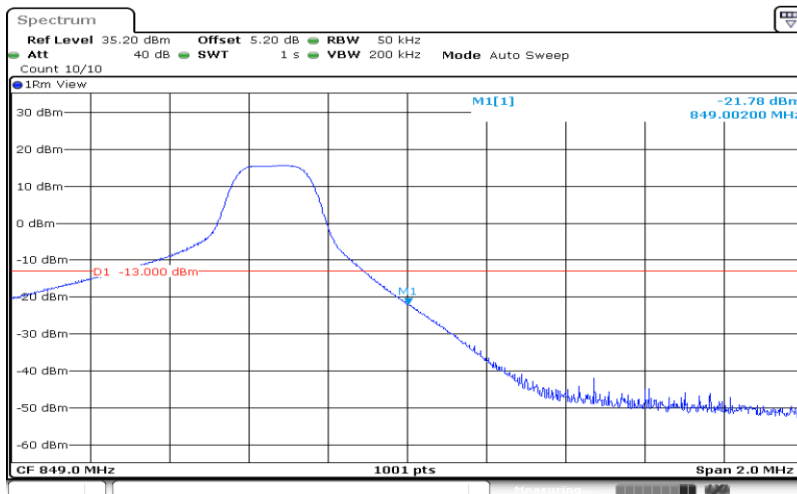
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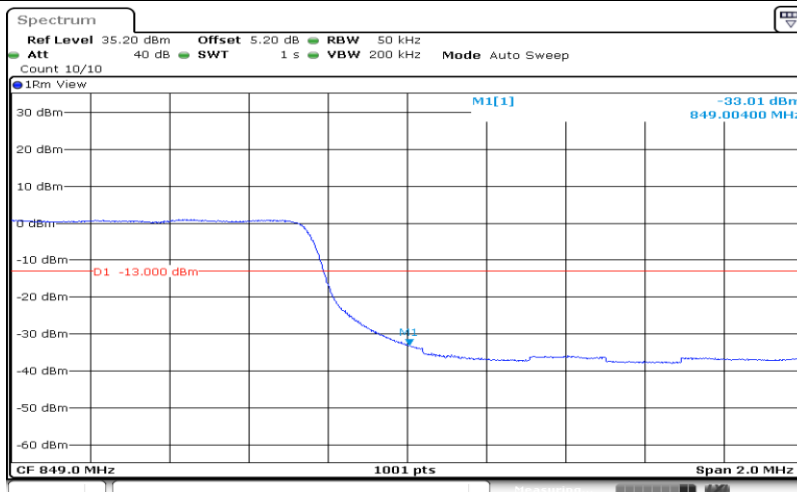


Band5-5MHz-64QAM-20625-1RB#24



Date: 6 MAY.2020 08:22:19

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

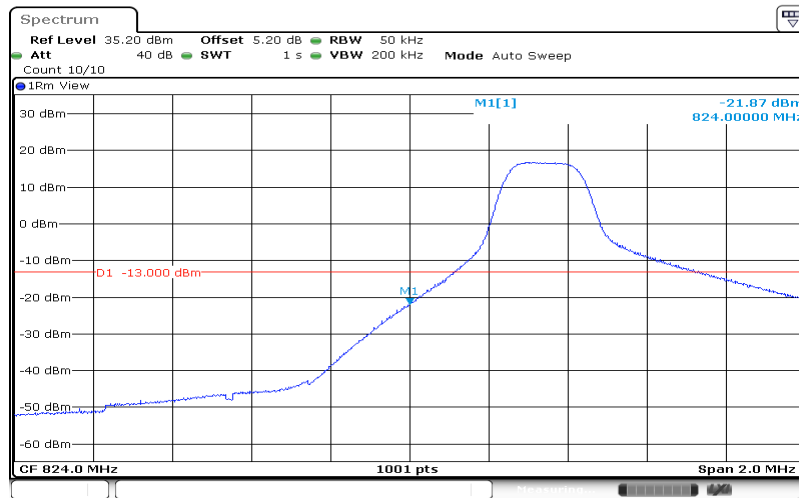


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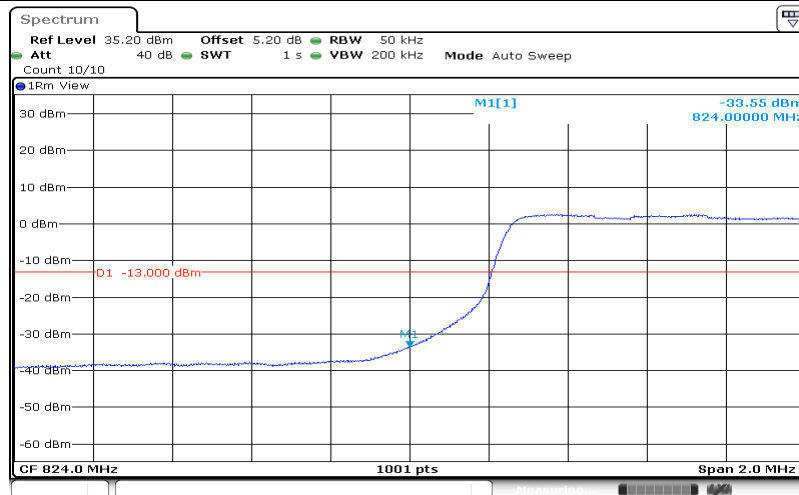


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Date: 12 APR 2020 13:51:24

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

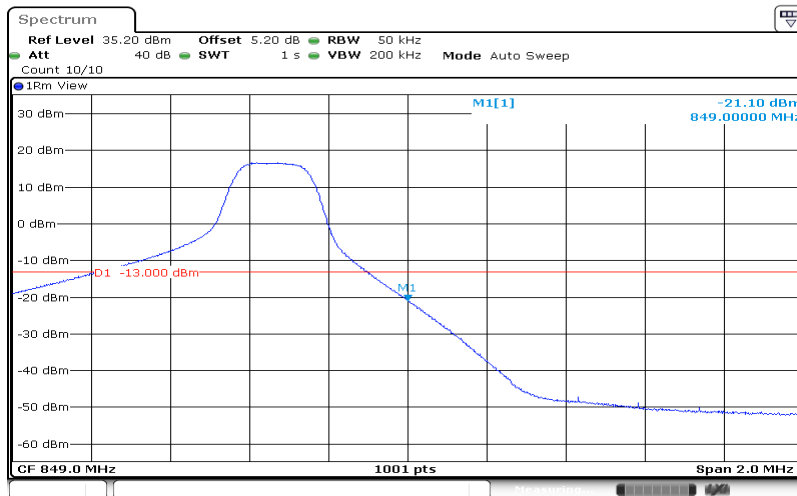


Date: 12 APR 2020 13:52:09



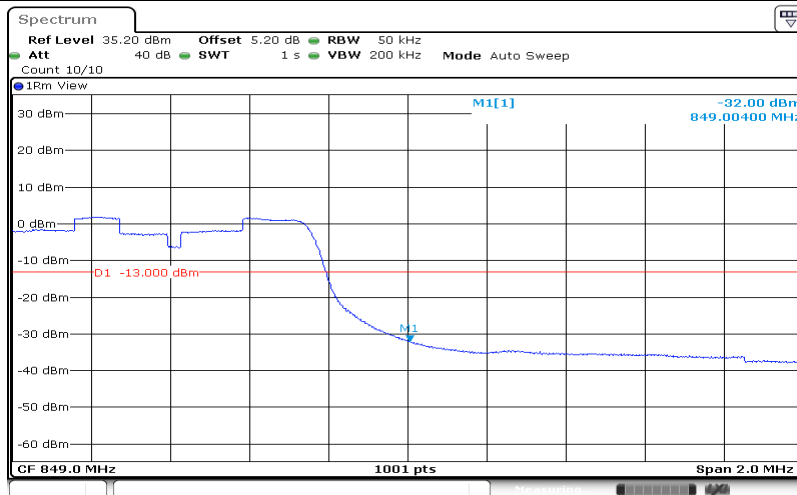


Band5-5MHz-16QAM-20625-1RB#24



Date: 12 APR 2020 13:52:59

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



Date: 12 APR 2020 13:53:44



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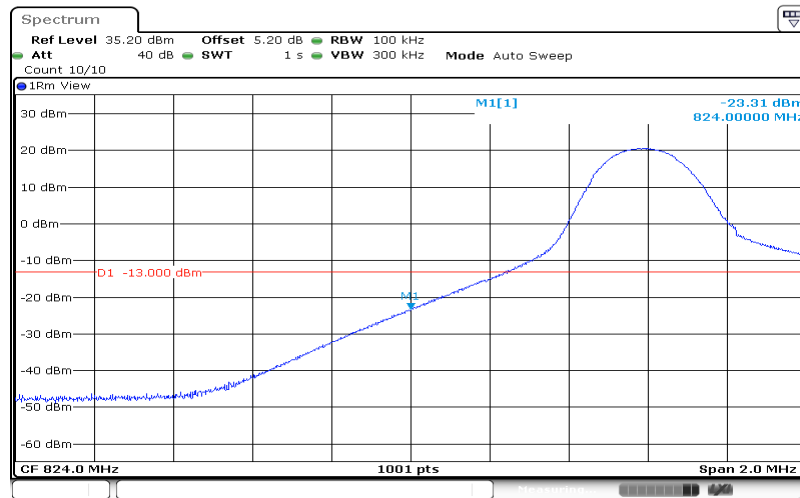
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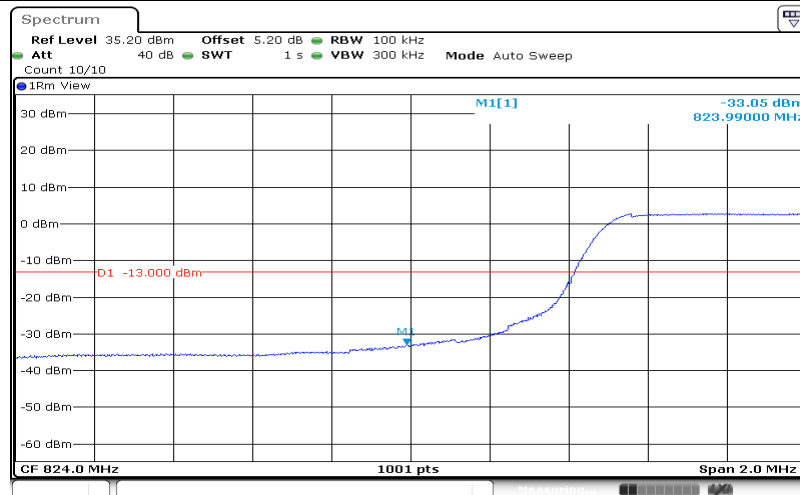


Band5-10MHz-QPSK-20450-1RB#0



Date: 12 APR 2020 13:54:11

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

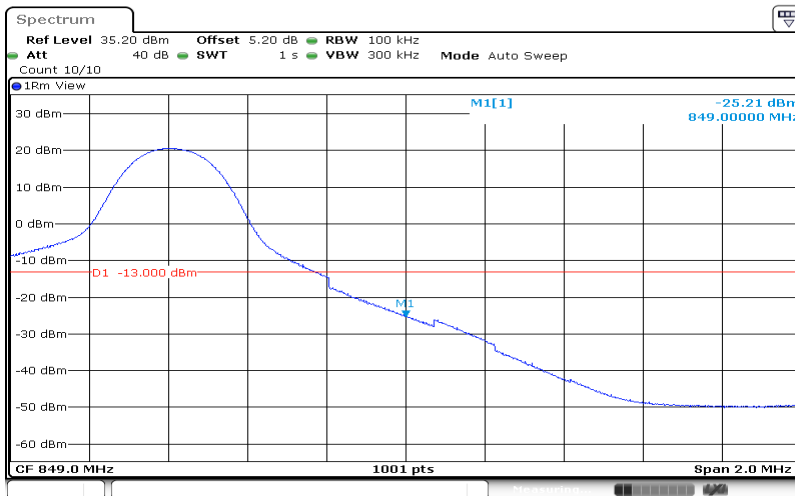


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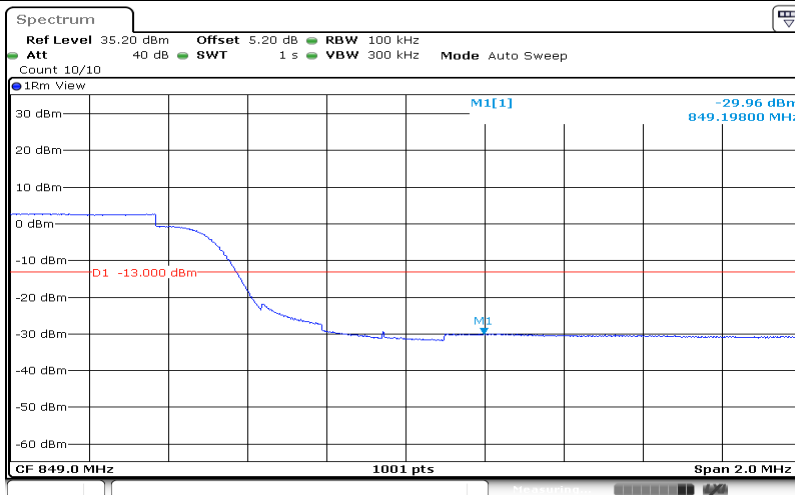


Band5-10MHz-QPSK-20600-1RB#49



Date: 12 APR 2020 13:55:46

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



Date: 12 APR 2020 13:56:31

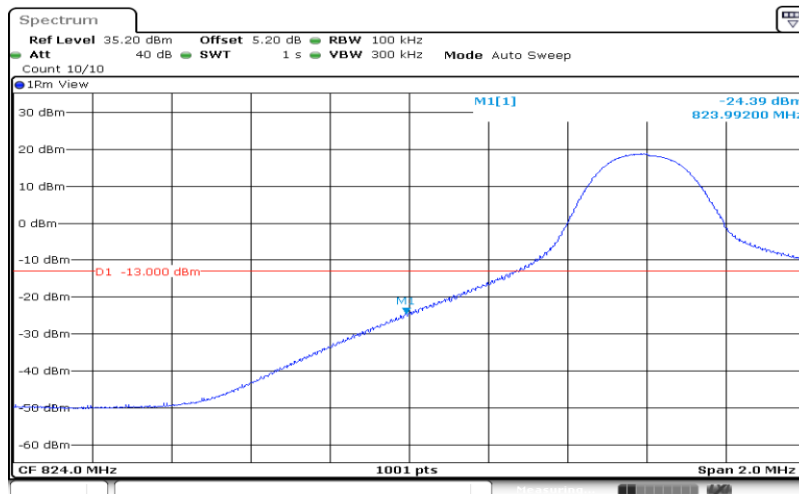


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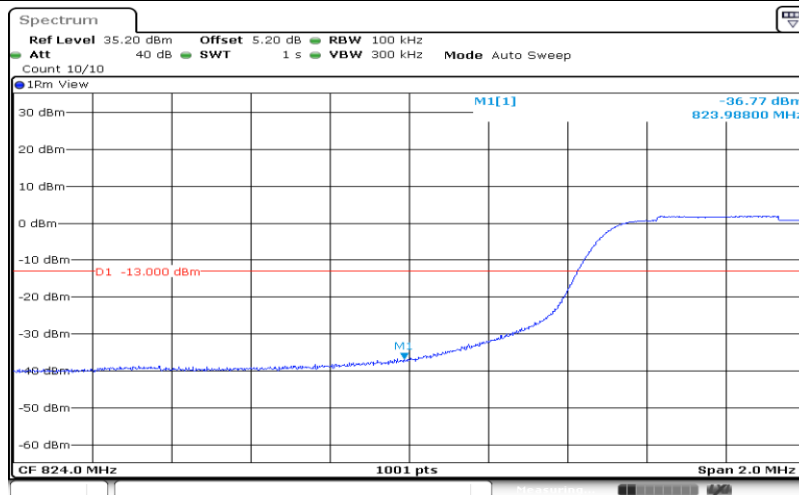


Band5-10MHz-64QAM-20450-1RB#0



Date: 6 MAY.2020 13:48:27

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



Date: 6 MAY.2020 13:48:47



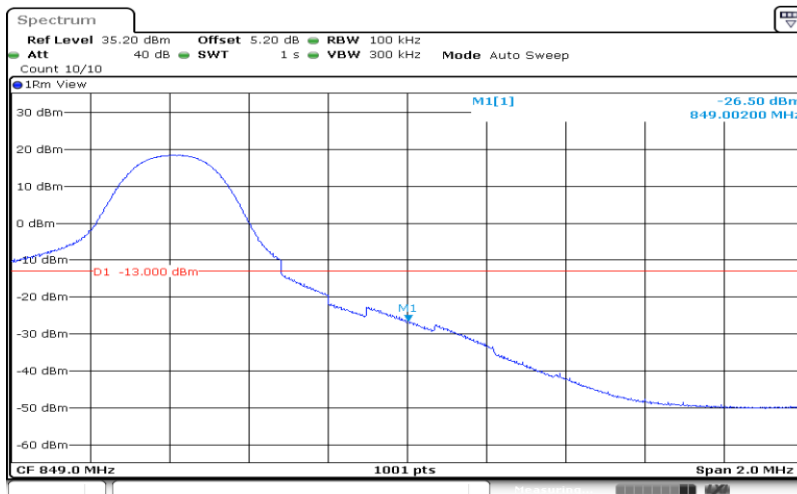
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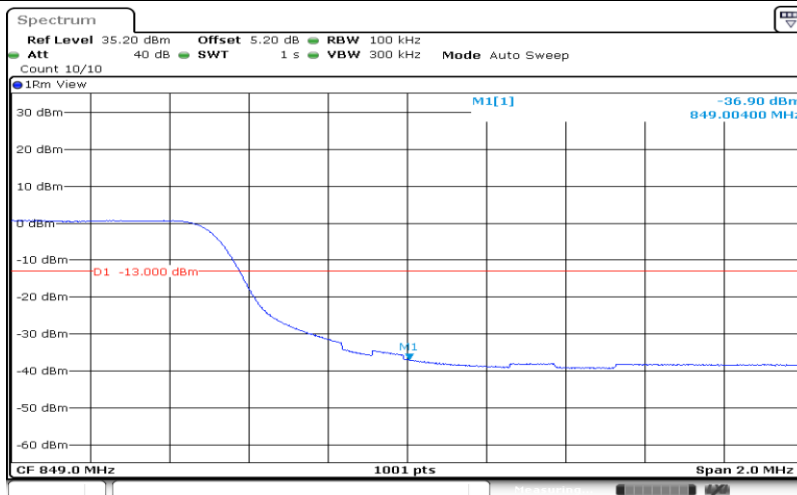


Band5-10MHz-64QAM-20600-1RB#49



Date: 6 MAY.2020 13:49:13

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



Date: 6 MAY.2020 13:49:33



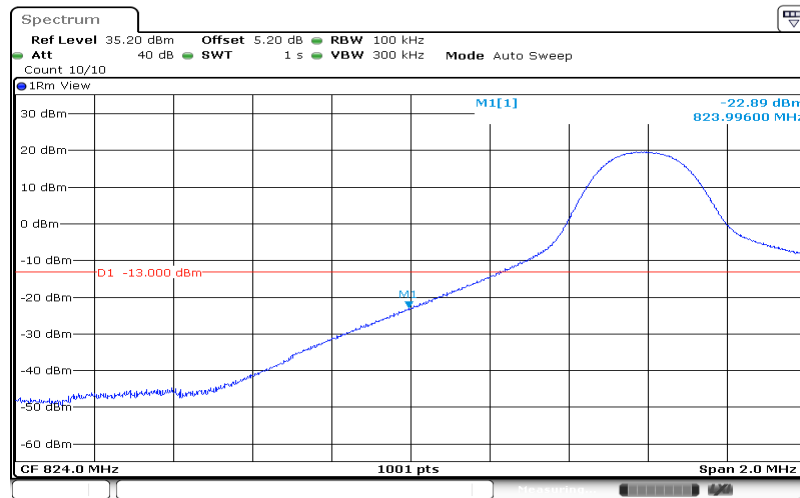
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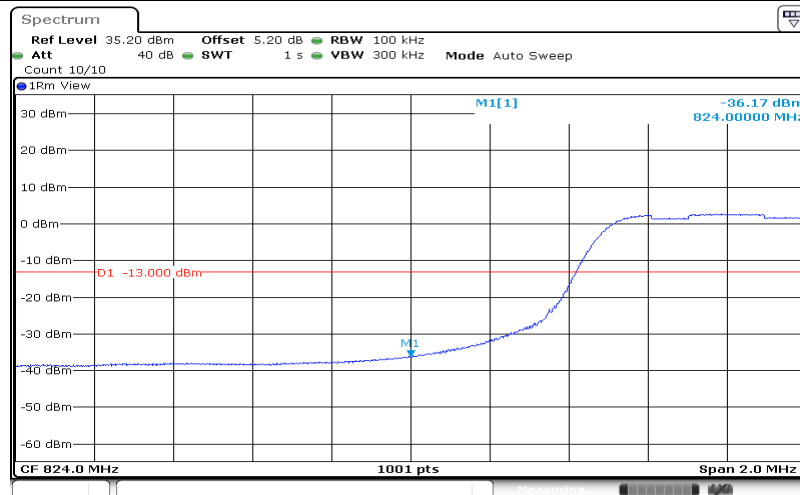


Band5-10MHz-16QAM-20450-1RB#0



Date: 12 APR 2020 13:54:34

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

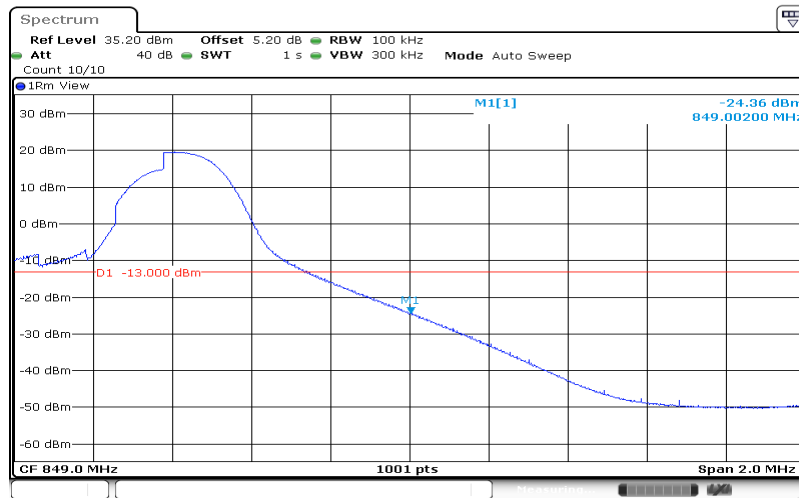


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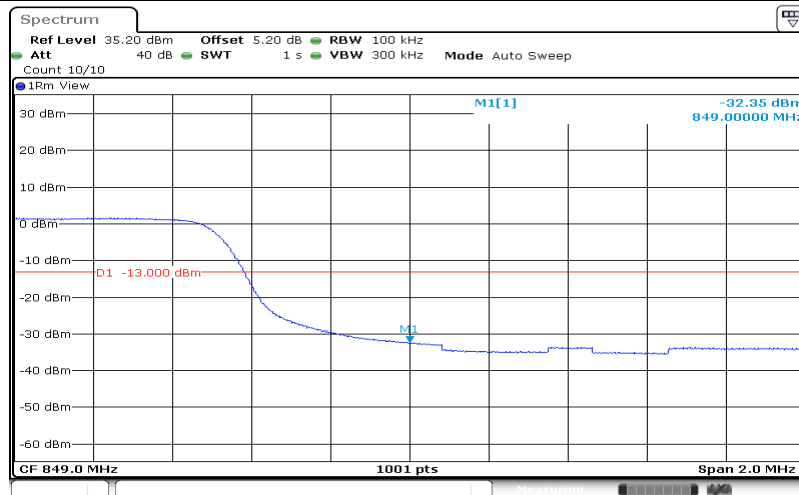


Band5-10MHz-16QAM-20600-1RB#49



Date: 12 APR 2020 13:56:09

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



Date: 12 APR 2020 13:56:54



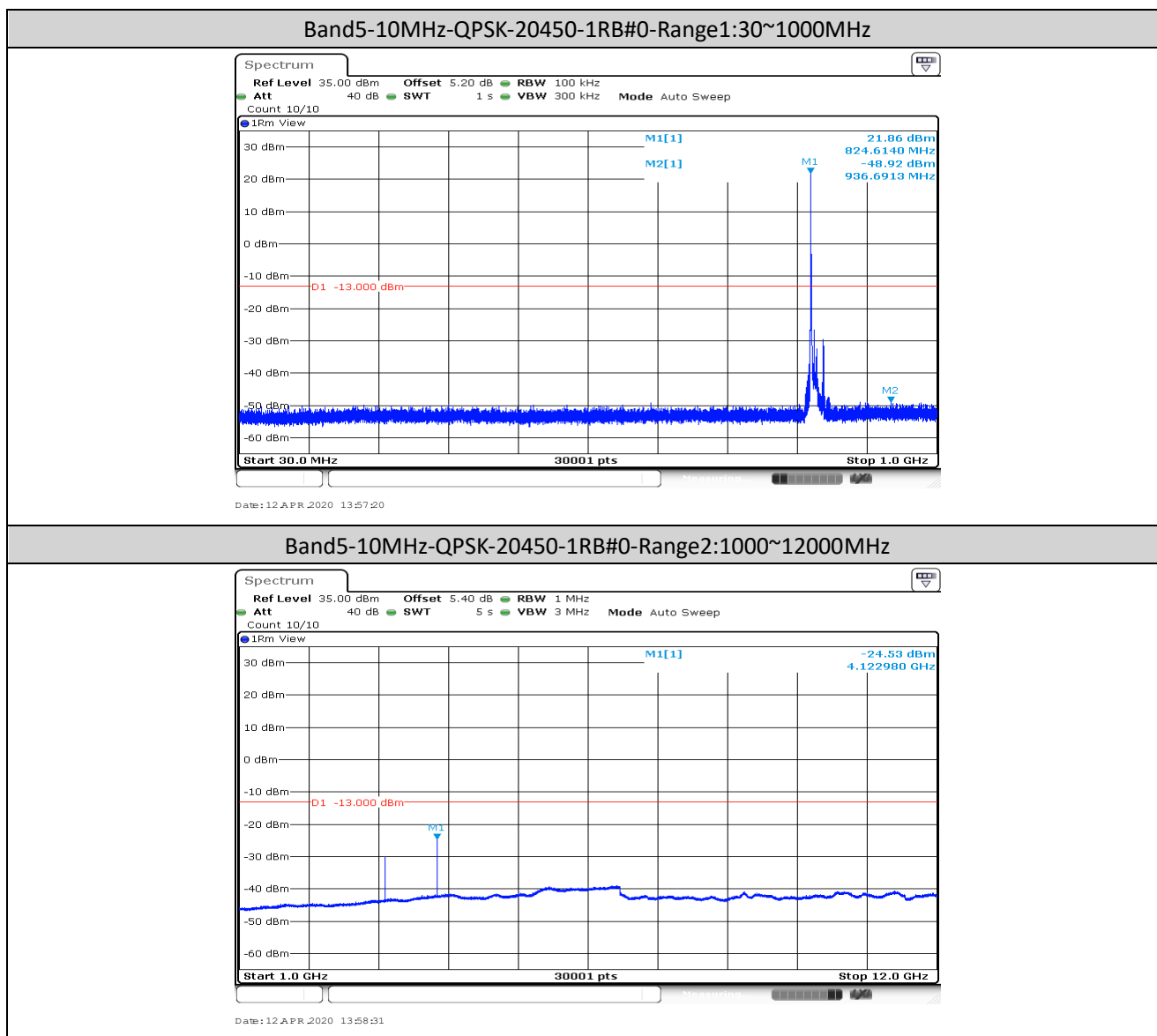


## 6. Spurious Emission at Antenna Terminal

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

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

### 6.1. Test Plots



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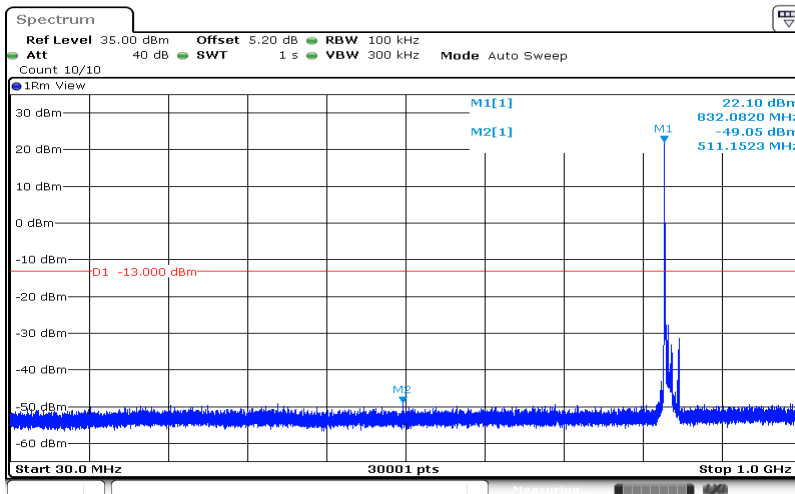
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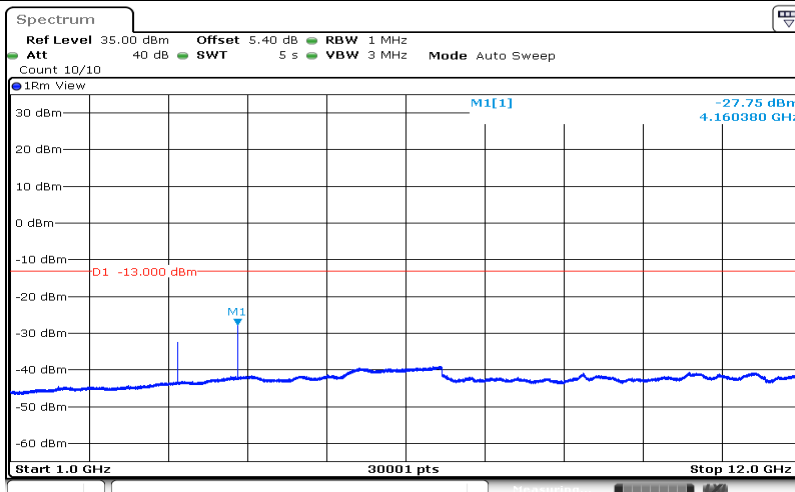
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## Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



Date: 12 APR 2020 14:00:27

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

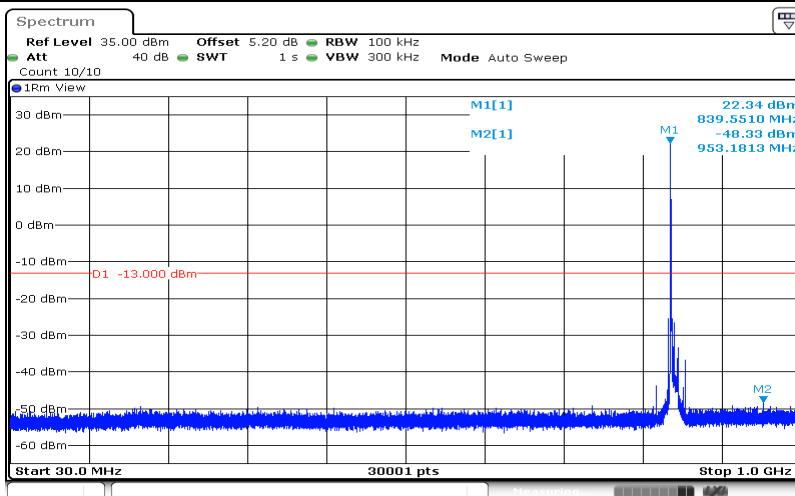


Date: 12 APR 2020 14:01:37



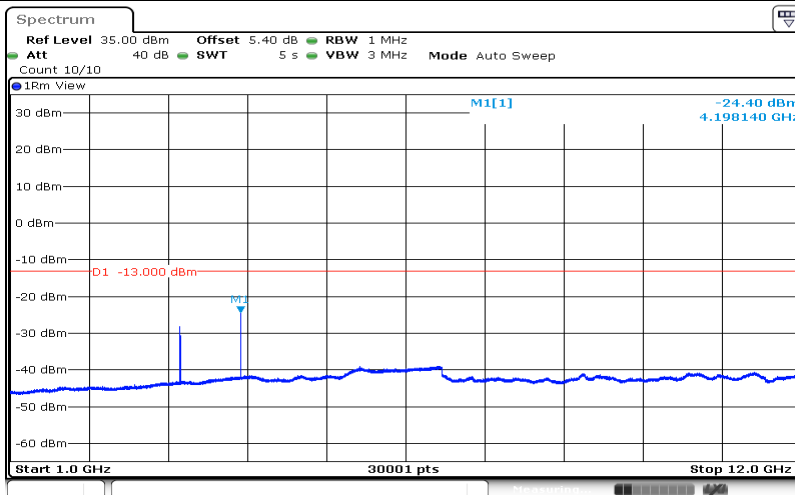


## Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz



Date: 12 APR 2020 14:03:33

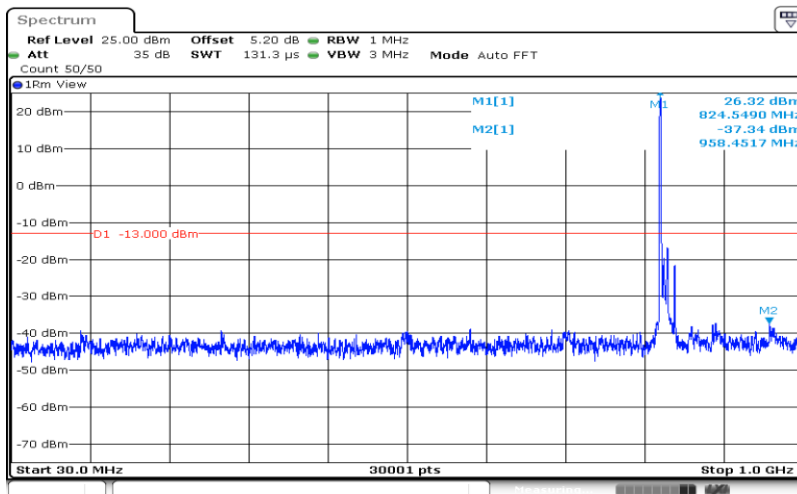
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Date: 12 APR 2020 14:04:44

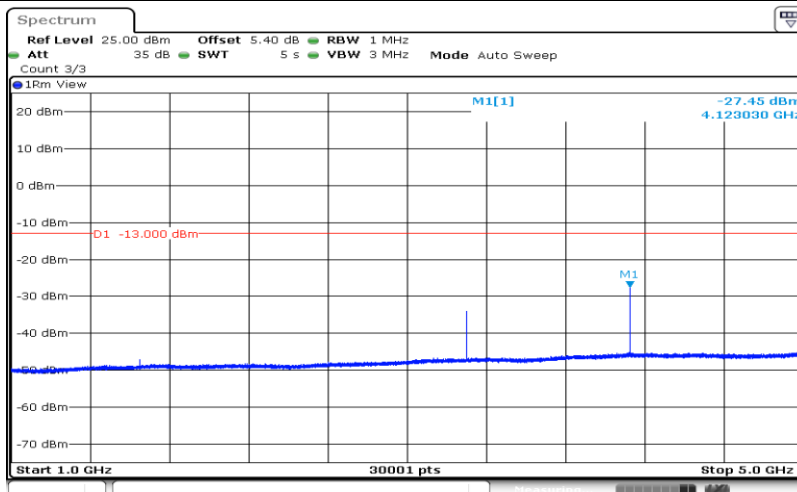


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Date: 6 MAY.2020 08:25:52

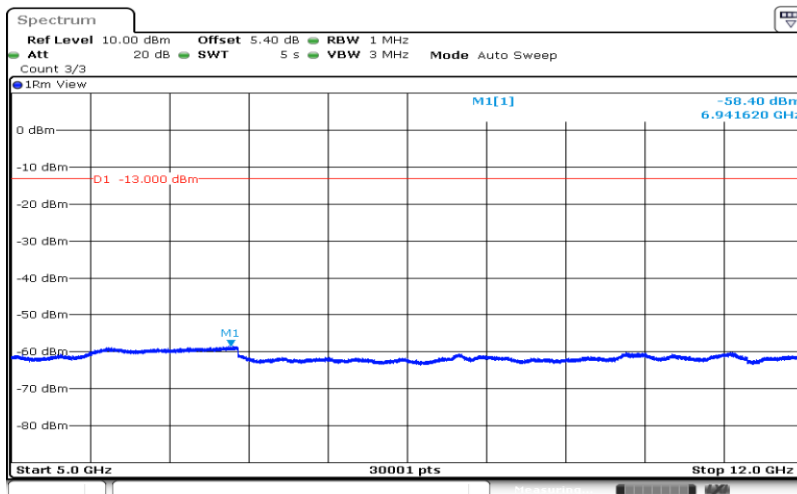
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Date: 6 MAY.2020 08:26:14

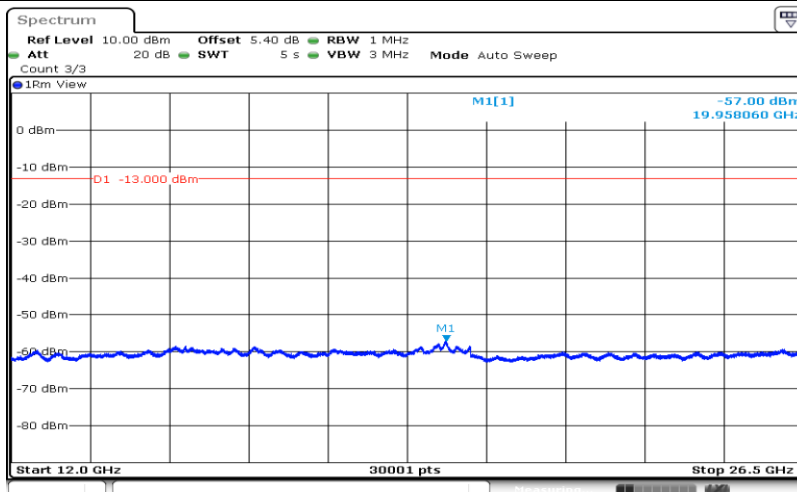


**Band5-10MHz-64QAM-20450-1RB#0-Range3:5000~12000MHz**



Date: 6 MAY.2020 08:26:36

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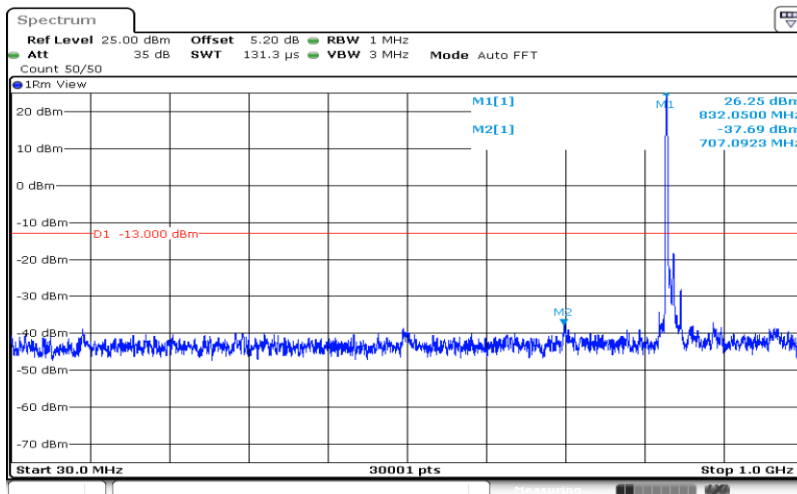


Date: 6 MAY.2020 08:26:58



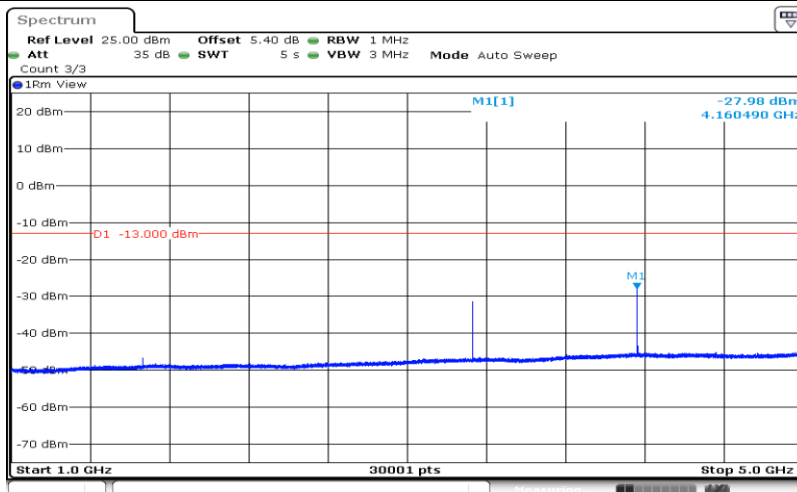
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Band5-10MHz-64QAM-20525-1RB#0-Range1:30~1000MHz



Date: 6 MAY 2020 08:27:12

Band5-10MHz-64QAM-20525-1RB#0-Range2:1000~5000MHz



Date: 6.MAY.2020 08:27:33



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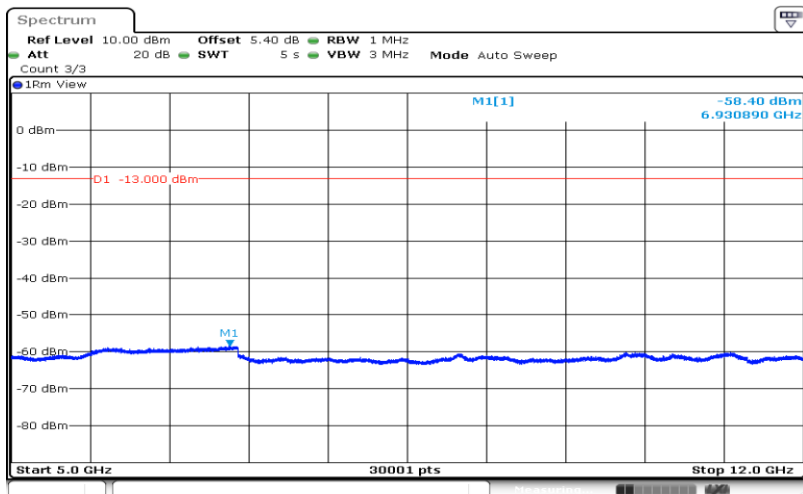
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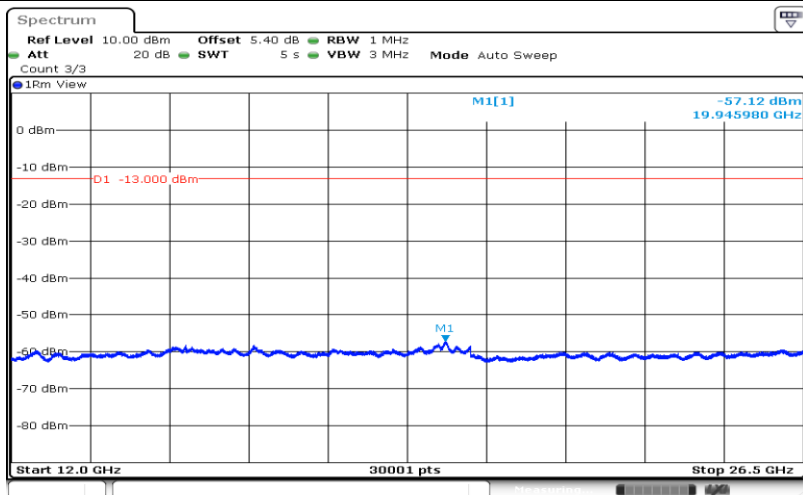


**Band5-10MHz-64QAM-20525-1RB#0-Range3:5000~12000MHz**



Date: 6 MAY.2020 08:27:55

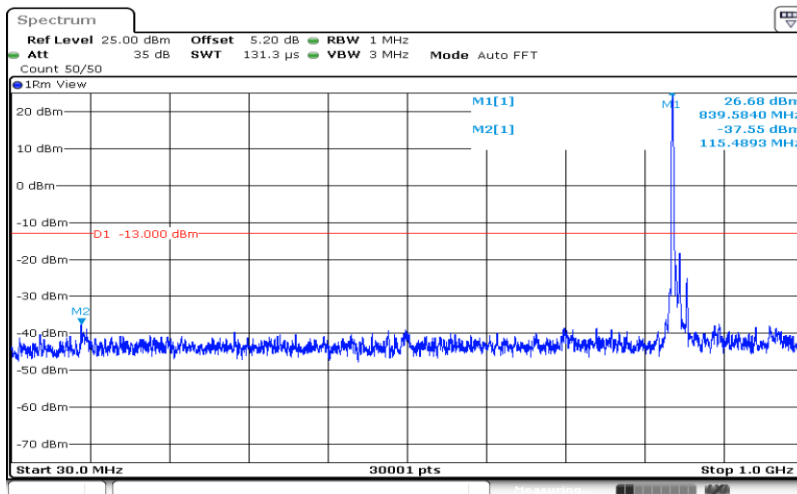
**Band5-10MHz-64QAM-20525-1RB#0-Range4:12000~26500MHz**



Date: 6 MAY.2020 08:28:18

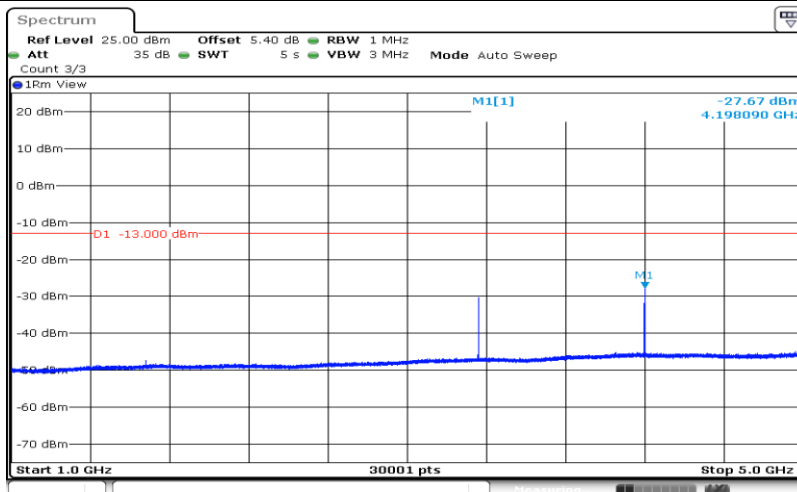


## Band5-10MHz-64QAM-20600-1RB#0-Range1:30~1000MHz



Date: 6 MAY.2020 08:28:30

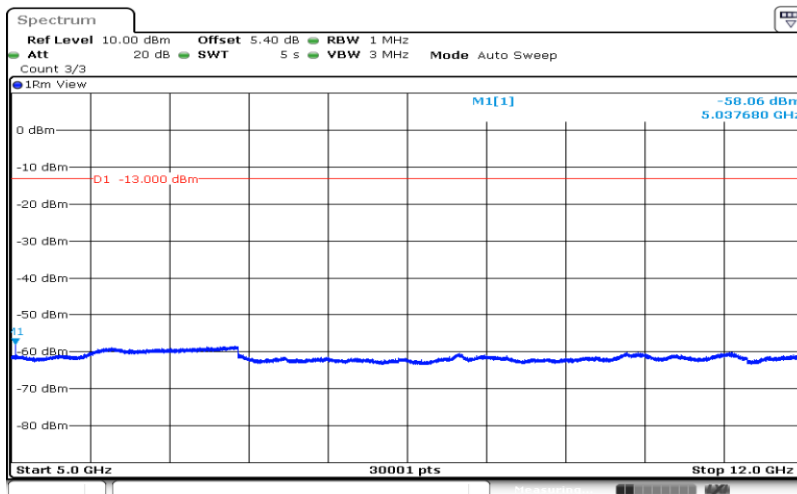
## Band5-10MHz-64QAM-20600-1RB#0-Range2:1000~5000MHz



Date: 6 MAY.2020 08:28:52

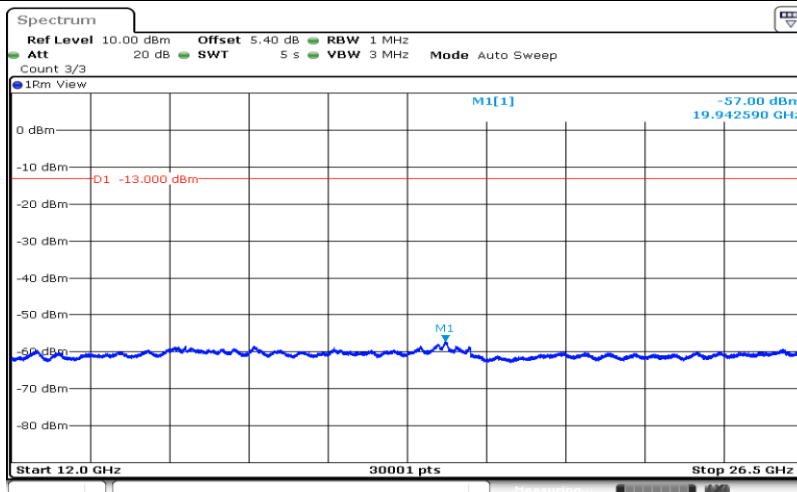


**Band5-10MHz-64QAM-20600-1RB#0-Range3:5000~12000MHz**



Date: 6 MAY.2020 08:29:14

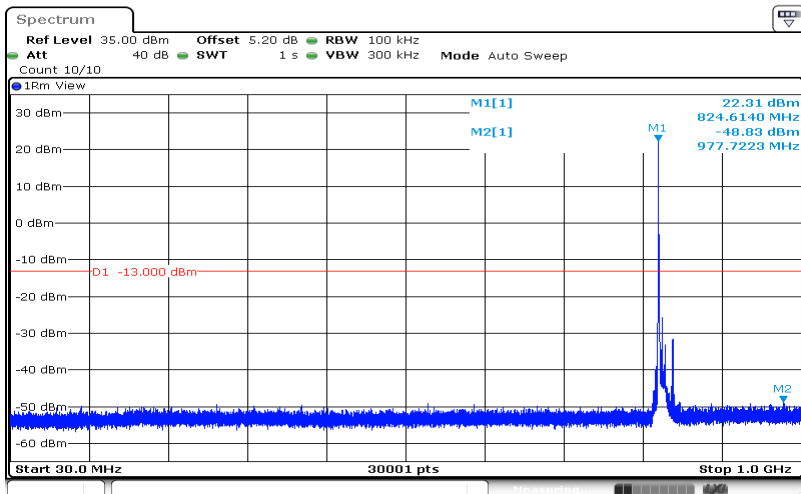
**Band5-10MHz-64QAM-20600-1RB#0-Range4:12000~26500MHz**



Date: 6 MAY.2020 08:29:37

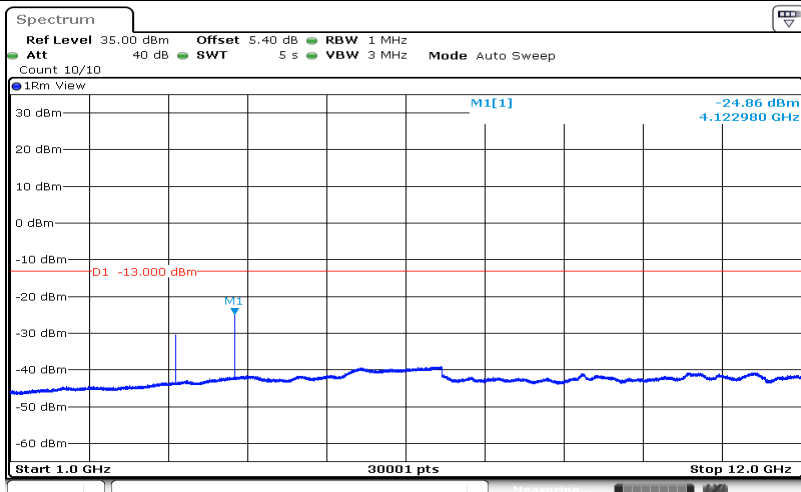


## Band5-10MHz-16QAM-20450-1RB#0-Range1:30~1000MHz



Date: 12 APR 2020 13:58:53

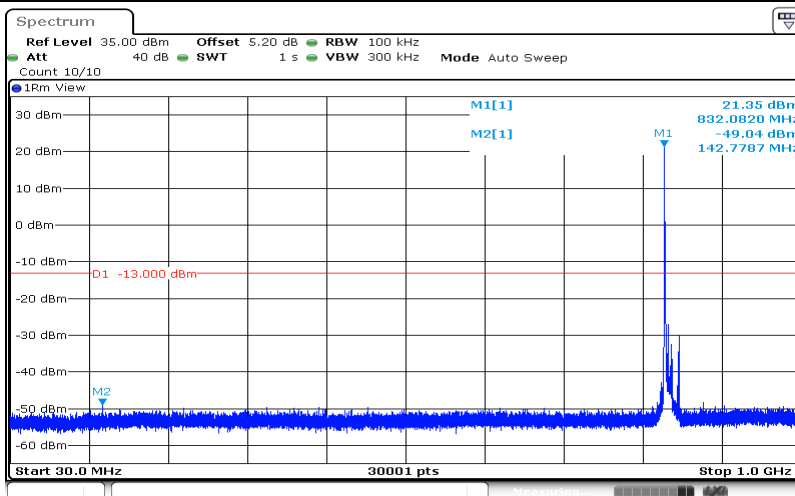
## Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~12000MHz



Date: 12 APR 2020 14:00:04

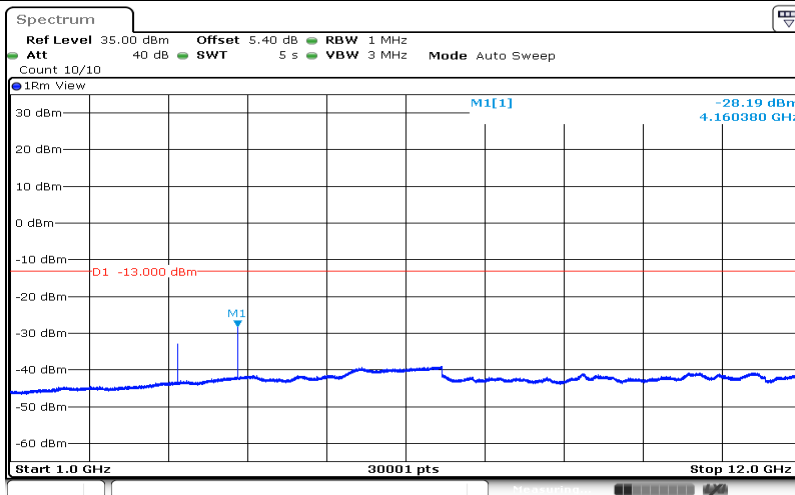


## Band5-10MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



Date: 12 APR 2020 14:02:00

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

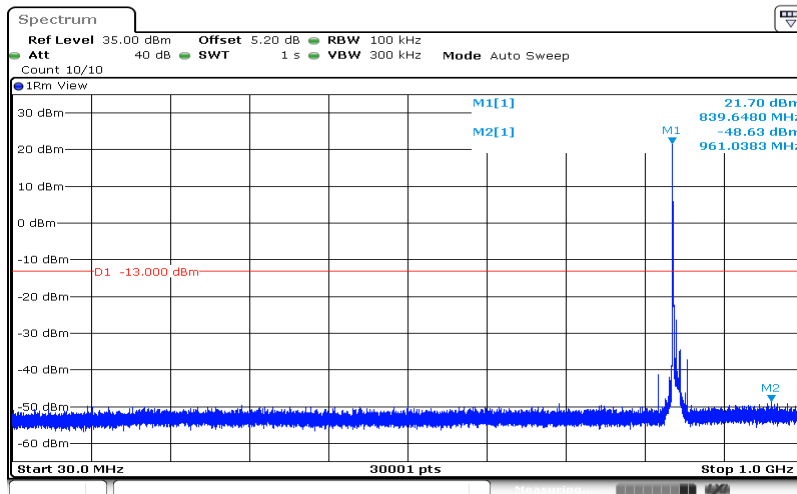


Date: 12 APR 2020 14:03:11

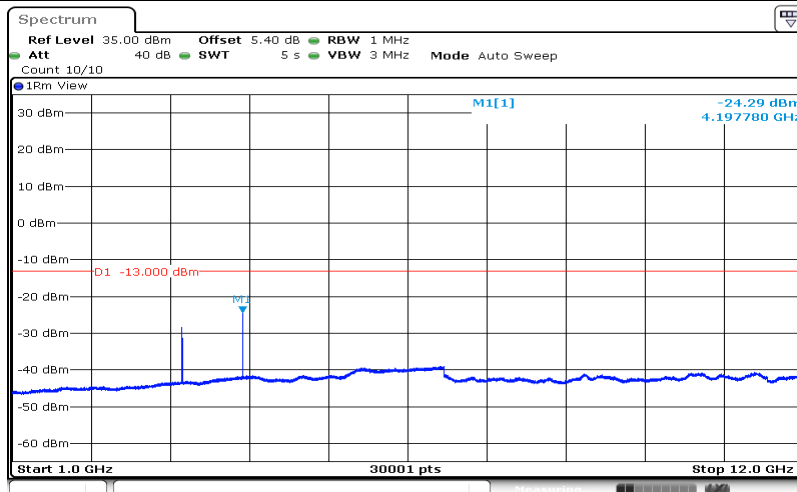




**Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz**



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



## 7. Field Strength of Spurious Radiation

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

#### 7.1.1. Test Channel = LCH(Down Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
64.113333	-78.27	-13.00	65.27	173	63	Vertical
617.154167	-76.49	-13.00	63.49	281	52	Vertical
1649.500000	-63.82	-13.00	50.82	170	111	Vertical
3298.350000	-56.66	-13.00	43.66	252	208	Vertical
4122.712500	-47.03	-13.00	34.03	145	277	Vertical
6060.037500	-63.52	-13.00	50.52	235	117	Vertical
62.340000	-74.82	-13.00	61.82	259	80	Horizontal
621.279167	-76.05	-13.00	63.05	271	29	Horizontal
1649.500000	-63.90	-13.00	50.90	107	184	Horizontal
3297.862500	-52.83	-13.00	39.83	220	7	Horizontal
4122.712500	-41.78	-13.00	28.78	198	47	Horizontal
7853.062500	-62.37	-13.00	49.37	130	219	Horizontal

#### 7.1.2. Test Channel = MCH(Down Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
63.366667	-78.84	-13.00	65.84	152	104	Vertical
567.379167	-77.90	-13.00	64.90	204	171	Vertical
1664.000000	-63.68	-13.00	50.68	225	148	Vertical
3328.087500	-54.29	-13.00	41.29	157	64	Vertical
4160.250000	-47.80	-13.00	34.80	146	101	Vertical
6576.300000	-63.49	-13.00	50.49	191	136	Vertical
56.086667	-75.46	-13.00	62.46	149	18	Horizontal
621.233333	-75.22	-13.00	62.22	264	310	Horizontal
1664.000000	-63.07	-13.00	50.07	192	334	Horizontal
3328.087500	-50.66	-13.00	37.66	258	120	Horizontal
4160.250000	-43.93	-13.00	30.93	251	47	Horizontal
6072.225000	-63.59	-13.00	50.59	241	297	Horizontal



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### 7.1.3. Test Channel = HCH(Down Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
63.833333	-78.88	-13.00	65.88	147	164	Vertical
571.916667	-77.14	-13.00	64.14	196	73	Vertical
1679.000000	-63.62	-13.00	50.62	100	15	Vertical
3358.312500	-47.94	-13.00	34.94	203	218	Vertical
4197.787500	-43.09	-13.00	30.09	258	319	Vertical
5037.262500	-64.62	-13.00	51.62	190	81	Vertical
63.320000	-75.25	-13.00	62.25	243	215	Horizontal
584.979167	-77.13	-13.00	64.13	164	212	Horizontal
1679.000000	-62.83	-13.00	49.83	102	331	Horizontal
3358.312500	-44.00	-13.00	31.00	250	41	Horizontal
4197.787500	-40.25	-13.00	27.25	287	208	Horizontal
7977.375000	-62.03	-13.00	49.03	164	9	Horizontal

### 7.1.4. Test Channel = LCH(Up Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
63.040000	-79.17	-13.00	66.17	185	16	Vertical
614.220833	-76.18	-13.00	63.18	187	110	Vertical
1648.000000	-64.47	-13.00	51.47	250	161	Vertical
3298.350000	-46.34	-13.00	33.34	171	292	Vertical
4122.712500	-32.33	-13.00	19.33	182	142	Vertical
6050.287500	-63.46	-13.00	50.46	224	276	Vertical
63.180000	-75.47	-13.00	62.47	145	193	Horizontal
605.787500	-75.82	-13.00	62.82	175	319	Horizontal
1649.000000	-64.26	-13.00	51.26	143	96	Horizontal
3297.862500	-46.91	-13.00	33.91	123	330	Horizontal
4122.712500	-33.30	-13.00	20.30	216	97	Horizontal
6029.812500	-63.86	-13.00	50.86	270	212	Horizontal



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### 7.1.5. Test Channel = MCH(Up Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
56.086667	-79.11	-13.00	66.11	115	279	Vertical
636.037500	-76.77	-13.00	63.77	225	332	Vertical
1661.000000	-64.28	-13.00	51.28	243	325	Vertical
3328.087500	-48.98	-13.00	35.98	140	357	Vertical
4160.250000	-37.27	-13.00	24.27	240	319	Vertical
6031.762500	-63.58	-13.00	50.58	264	342	Vertical
61.966667	-75.08	-13.00	62.08	297	342	Horizontal
622.012500	-75.99	-13.00	62.99	241	307	Horizontal
1710.000000	-62.52	-13.00	49.52	162	28	Horizontal
3328.087500	-49.94	-13.00	36.94	147	133	Horizontal
4160.250000	-37.69	-13.00	24.69	134	353	Horizontal
6054.675000	-63.93	-13.00	50.93	234	183	Horizontal

### 7.1.6. Test Channel = HCH(Up Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
64.066667	-78.56	-13.00	65.56	185	299	Vertical
612.433333	-76.75	-13.00	63.75	155	45	Vertical
1679.000000	-63.69	-13.00	50.69	268	165	Vertical
3357.825000	-43.31	-13.00	30.31	142	165	Vertical
4197.787500	-33.47	-13.00	20.47	258	240	Vertical
6043.462500	-63.41	-13.00	50.41	110	256	Vertical
62.946667	-74.67	-13.00	61.67	214	8	Horizontal
622.333333	-75.64	-13.00	62.64	175	236	Horizontal
1679.000000	-63.70	-13.00	50.70	207	7	Horizontal
3358.312500	-43.07	-13.00	30.07	146	280	Horizontal
4197.787500	-33.68	-13.00	20.68	192	138	Horizontal
6024.937500	-63.48	-13.00	50.48	236	14	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



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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	-10.10	-0.012183	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	1.10	0.001327	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-2.60	-0.003136	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-9.30	-0.011118	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-0.60	-0.000717	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-2.00	-0.002391	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-2.20	-0.002607	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-1.80	-0.002133	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-0.60	-0.000711	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	-1.10	-0.001327	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-13.60	-0.016405	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-6.30	-0.007600	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-5.20	-0.006216	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-1.70	-0.002032	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-5.00	-0.005977	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-7.80	-0.009242	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-10.00	-0.011848	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-5.60	-0.006635	±2.5	PASS



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## 8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	-6.70	-0.008082	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-8.00	-0.009650	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-7.20	-0.008685	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-7.20	-0.008685	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-1.60	-0.001930	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-6.10	-0.007358	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-2.80	-0.003378	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-7.90	-0.009530	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-5.50	-0.006575	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-2.20	-0.002630	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-7.40	-0.008846	±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	-13.30	-0.015900	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-9.90	-0.011835	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-6.00	-0.007173	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-6.30	-0.007531	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-9.90	-0.011835	±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	0	-3.60	-0.004265	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-6.80	-0.008057	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-6.40	-0.007583	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	-5.40	-0.006398	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-7.90	-0.009360	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-5.00	-0.005924	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-2.20	-0.002654	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	-6.40	-0.007720	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-5.90	-0.007117	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-10.00	-0.012063	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	-9.90	-0.011942	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	-6.50	-0.007841	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	-10.70	-0.012907	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	-5.90	-0.007117	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-11.00	-0.013150	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	-3.60	-0.004265	±2.5	PASS



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Band5	10MHz	16QAM	20525	50RB#0	NV	0	-7.40	-0.008846	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-9.20	-0.010998	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-8.40	-0.010042	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-5.60	-0.006695	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	-7.50	-0.008966	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	-6.20	-0.007412	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	-4.30	-0.005095	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-6.90	-0.008175	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-8.10	-0.009597	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	-6.50	-0.007701	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-9.60	-0.011374	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	-8.60	-0.010190	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	-0.80	-0.000948	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	-5.00	-0.005924	±2.5	PASS



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