



# Appendix B

## E-UTRA Band 5



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# 1 Effective (Isotropic) Radiated Power

## 1.1. Test Result for Down Ant

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	22.28	19.23	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.39	19.34	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.50	19.45	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.37	19.32	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.46	19.41	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.48	19.43	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.49	18.44	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.50	19.45	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.54	19.49	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.49	19.44	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.55	19.50	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.62	19.57	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	22.58	19.53	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.55	18.50	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.65	19.60	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.61	19.56	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.61	19.56	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.59	19.54	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	22.60	19.55	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.51	19.46	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.61	18.56	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	20.54	17.49	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	20.90	17.85	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	20.48	17.43	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	20.77	17.72	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	20.73	17.68	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	20.68	17.63	38.45	PASS



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Band5	1.4MHz	64QAM	20407	6RB#0	19.66	16.61	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	20.63	17.58	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	20.66	17.61	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	20.60	17.55	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	20.53	17.48	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	20.73	17.68	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	20.61	17.56	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.60	17.55	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	20.67	17.62	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	20.37	17.32	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	20.71	17.66	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	20.54	17.49	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	20.68	17.63	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	20.62	17.57	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.70	17.65	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	21.35	18.30	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	21.60	18.55	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	21.47	18.42	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.71	18.66	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.73	18.68	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.44	18.39	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.59	17.54	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.82	18.77	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.90	18.85	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	21.88	18.83	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	21.65	18.60	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.54	18.49	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.53	18.48	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.63	17.58	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.43	18.38	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.91	18.86	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.06	19.01	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.65	18.60	38.45	PASS



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Band5	1.4MHz	16QAM	20643	3RB#1	21.53	18.48	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.48	18.43	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.67	17.62	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.45	19.40	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.51	19.46	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.44	19.39	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.56	18.51	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.72	18.67	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.51	18.46	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.63	18.58	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.51	19.46	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.56	19.51	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.67	19.62	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.59	18.54	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.64	18.59	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.62	18.57	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.59	18.54	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.71	19.66	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.39	19.34	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.48	19.43	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.61	18.56	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	21.73	18.68	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.64	18.59	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.83	18.78	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	20.51	17.46	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	20.66	17.61	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	20.71	17.66	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	19.65	16.60	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	19.58	16.53	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	19.59	16.54	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	19.65	16.60	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	20.62	17.57	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	20.64	17.59	38.45	PASS



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Band5	3MHz	64QAM	20525	1RB#8	20.81	17.76	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	20.64	17.59	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	19.56	16.51	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	19.70	16.65	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	19.60	16.55	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	20.64	17.59	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	20.73	17.68	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	20.57	17.52	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	20.44	17.39	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	19.70	16.65	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	19.64	16.59	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	19.65	16.60	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.72	18.67	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.70	18.65	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.13	19.08	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.59	17.54	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	20.76	17.71	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	20.63	17.58	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.58	17.53	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.71	18.66	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.73	18.68	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.86	18.81	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	20.62	17.57	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.59	17.54	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.67	17.62	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.62	17.57	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.42	19.37	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.35	19.30	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	21.68	18.63	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	20.64	17.59	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.77	17.72	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.79	17.74	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.64	17.59	38.45	PASS



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Band5	5MHz	QPSK	20425	1RB#24	22.51	19.46	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.63	19.58	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.35	19.30	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.55	18.50	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.66	18.61	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	21.61	18.56	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.63	18.58	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.69	19.64	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.56	19.51	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.59	19.54	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.65	18.60	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	21.66	18.61	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.68	18.63	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.68	18.63	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.71	19.66	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.69	19.64	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.54	19.49	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.63	18.58	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.71	18.66	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.60	18.55	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.58	18.53	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	20.61	17.56	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	20.75	17.70	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	20.41	17.36	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	19.69	16.64	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	19.79	16.74	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	19.68	16.63	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	19.71	16.66	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	20.74	17.69	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	20.67	17.62	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	20.47	17.42	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	20.56	17.51	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	19.75	16.70	38.45	PASS



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Band5	5MHz	64QAM	20525	12RB#6	19.61	16.56	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	19.67	16.62	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	20.60	17.55	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	21.17	18.12	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	20.49	17.44	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	20.85	17.80	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	19.65	16.60	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	19.69	16.64	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	19.60	16.55	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.12	19.07	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.33	19.28	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.92	18.87	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	20.60	17.55	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.63	17.58	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	20.68	17.63	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.56	17.51	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.86	18.81	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.43	18.38	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.76	18.71	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	20.82	17.77	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.69	17.64	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.62	17.57	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.74	17.69	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.41	19.36	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.76	18.71	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.71	18.66	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	20.76	17.71	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.63	17.58	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.54	17.49	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.60	17.55	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.51	19.46	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.27	19.22	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.47	19.42	38.45	PASS



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Band5	10MHz	QPSK	20450	25RB#12	21.66	18.61	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.67	18.62	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.60	18.55	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.57	18.52	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.74	19.69	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.55	19.50	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.60	19.55	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.67	18.62	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.67	18.62	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.70	18.65	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.67	18.62	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.75	19.70	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.60	19.55	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.33	19.28	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.71	18.66	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	21.85	18.80	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.75	18.70	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.93	18.88	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	20.65	17.60	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	20.42	17.37	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	20.44	17.39	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	19.54	16.49	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	19.67	16.62	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	19.56	16.51	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	19.62	16.57	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	20.73	17.68	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	21.00	17.95	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	20.68	17.63	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	21.14	18.09	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	19.56	16.51	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	19.70	16.65	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	19.50	16.45	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	20.90	17.85	38.45	PASS



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Band5	10MHz	64QAM	20600	1RB#0	20.64	17.59	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	20.60	17.55	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	20.61	17.56	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	19.66	16.61	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	19.65	16.60	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	19.68	16.63	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	21.95	18.90	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.13	19.08	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.97	18.92	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.64	17.59	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.80	17.75	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.57	17.52	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.68	17.63	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.23	19.18	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.25	19.20	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.35	19.30	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	20.68	17.63	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	20.72	17.67	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.69	17.64	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.73	17.68	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.44	19.39	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.01	18.96	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.83	18.78	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.86	17.81	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.87	17.82	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	20.71	17.66	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.90	17.85	38.45	PASS

## 1.2. Test Result for Up Ant

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	22.89	19.84	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.91	19.86	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.77	19.72	38.45	PASS



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Band5	1.4MHz	QPSK	20407	3RB#1	22.88	19.83	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.93	19.88	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.88	19.83	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.95	18.90	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.89	19.84	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.96	19.91	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.90	19.85	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.94	19.89	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.96	19.91	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	22.91	19.86	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.04	18.99	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.93	19.88	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.96	19.91	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.89	19.84	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.93	19.88	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	22.91	19.86	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.92	19.87	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.04	18.99	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	20.84	17.79	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	21.08	18.03	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	20.90	17.85	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	20.82	17.77	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	21.07	18.02	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	20.96	17.91	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	19.99	16.94	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	21.14	18.09	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	20.95	17.90	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	21.27	18.22	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	20.79	17.74	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	21.11	18.06	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	21.09	18.04	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	21.06	18.01	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.10	18.05	38.45	PASS



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Band5	1.4MHz	64QAM	20643	1RB#2	21.08	18.03	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.14	18.09	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	21.12	18.07	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	20.96	17.91	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	20.85	17.80	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.64	17.59	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.09	19.04	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.65	19.60	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	21.91	18.86	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.80	18.75	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.07	19.02	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.01	18.96	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.04	17.99	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.20	19.15	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.48	19.43	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.40	19.35	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.08	19.03	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.10	19.05	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.20	19.15	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.14	18.09	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.79	19.74	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.97	18.92	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.18	19.13	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.15	19.10	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.10	19.05	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.87	18.82	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.10	18.05	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.73	19.68	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.95	19.90	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.73	19.68	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.82	18.77	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.85	18.80	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.83	18.78	38.45	PASS



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Band5	3MHz	QPSK	20415	15RB#0	21.88	18.83	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.83	19.78	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.92	19.87	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.83	19.78	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.91	18.86	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.93	18.88	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.90	18.85	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.90	18.85	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.75	19.70	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.95	19.90	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.84	19.79	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.91	18.86	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	21.99	18.94	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.89	18.84	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.96	18.91	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	20.69	17.64	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	20.35	17.30	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	20.69	17.64	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	19.19	16.14	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	19.26	16.21	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	19.14	16.09	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	19.08	16.03	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	21.00	17.95	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	20.72	17.67	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	20.81	17.76	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	20.70	17.65	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	19.78	16.73	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	19.82	16.77	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	19.69	16.64	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	20.88	17.83	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	20.46	17.41	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	20.44	17.39	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	20.73	17.68	38.45	PASS



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Band5	3MHz	64QAM	20635	8RB#0	19.26	16.21	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	19.30	16.25	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	19.14	16.09	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.91	18.86	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.64	19.59	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.29	19.24	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.91	17.86	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.00	17.95	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	20.87	17.82	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.84	17.79	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.17	19.12	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.87	18.82	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.11	19.06	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	20.96	17.91	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.06	18.01	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.83	17.78	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.00	17.95	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.10	19.05	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.29	19.24	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.02	18.97	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.06	18.01	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.99	17.94	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.11	18.06	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.88	17.83	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.72	19.67	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.86	19.81	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.84	19.79	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.81	18.76	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.88	18.83	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	21.89	18.84	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.82	18.77	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.91	19.86	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.88	19.83	38.45	PASS



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Band5	5MHz	QPSK	20525	1RB#24	22.86	19.81	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.99	18.94	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	21.97	18.92	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.92	18.87	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.87	18.82	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.83	19.78	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.95	19.90	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.87	19.82	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.92	18.87	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.89	18.84	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.92	18.87	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.92	18.87	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	20.97	17.92	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	20.80	17.75	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	20.99	17.94	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	20.00	16.95	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	20.12	17.07	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	20.02	16.97	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	20.03	16.98	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	20.94	17.89	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	21.06	18.01	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	21.05	18.00	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	21.26	18.21	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	20.13	17.08	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	20.16	17.11	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.05	17.00	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	20.85	17.80	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	21.16	18.11	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	21.11	18.06	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	20.88	17.83	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	20.04	16.99	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	20.11	17.06	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.08	17.03	38.45	PASS



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Band5	5MHz	16QAM	20425	1RB#12	22.67	19.62	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.01	18.96	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.20	19.15	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	20.92	17.87	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.96	17.91	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	20.77	17.72	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.93	17.88	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.26	19.21	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.48	19.43	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.96	18.91	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.00	17.95	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.86	17.81	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.92	17.87	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.94	17.89	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.21	19.16	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.54	19.49	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.98	18.93	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.01	17.96	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.01	17.96	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.97	17.92	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.85	17.80	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.72	19.67	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.60	19.55	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.79	19.74	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.78	18.73	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.99	18.94	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.88	18.83	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.95	18.90	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.85	19.80	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.77	19.72	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.73	19.68	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.93	18.88	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.87	18.82	38.45	PASS



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Band5	10MHz	QPSK	20525	25RB#25	21.90	18.85	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.85	18.80	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.97	19.92	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.72	19.67	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.76	19.71	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.89	18.84	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	21.97	18.92	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.91	18.86	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.98	18.93	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	21.01	17.96	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	20.94	17.89	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.08	18.03	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	20.29	17.24	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	20.22	17.17	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	20.05	17.00	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	20.03	16.98	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	20.80	17.75	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	20.94	17.89	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	20.87	17.82	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	20.85	17.80	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	20.13	17.08	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	20.18	17.13	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.10	17.05	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	20.95	17.90	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	21.15	18.10	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	21.18	18.13	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	21.05	18.00	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	20.24	17.19	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	20.30	17.25	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.21	17.16	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	21.81	18.76	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.99	18.94	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.97	18.92	38.45	PASS



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Band5	10MHz	16QAM	20450	25RB#0	21.04	17.99	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.86	17.81	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.96	17.91	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.93	17.88	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.47	19.42	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.14	19.09	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.53	19.48	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.04	17.99	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	20.97	17.92	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.89	17.84	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.80	17.75	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.07	19.02	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.34	19.29	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.98	18.93	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.96	17.91	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.88	17.83	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	20.90	17.85	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.95	17.90	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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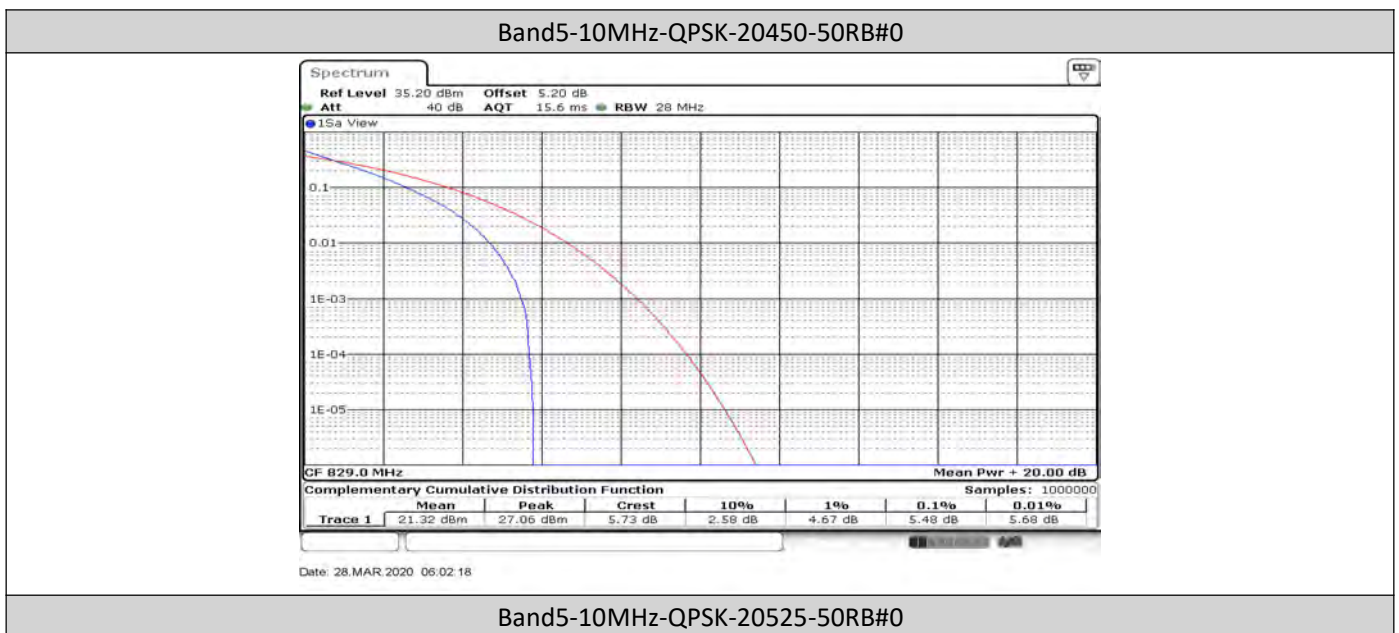


## 2. Peak-to-Average Ratio (CCDF)

### 2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	5.48	13.00	PASS
Band5	10MHz	QPSK	20525	50RB#0	4.99	13.00	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.01	13.00	PASS
Band5	10MHz	64QAM	20450	50RB#0	7.04	13.00	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.46	13.00	PASS
Band5	10MHz	64QAM	20600	50RB#0	6.78	13.00	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.29	13.00	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.91	13.00	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.94	13.00	PASS

### 2.2. Test Plots

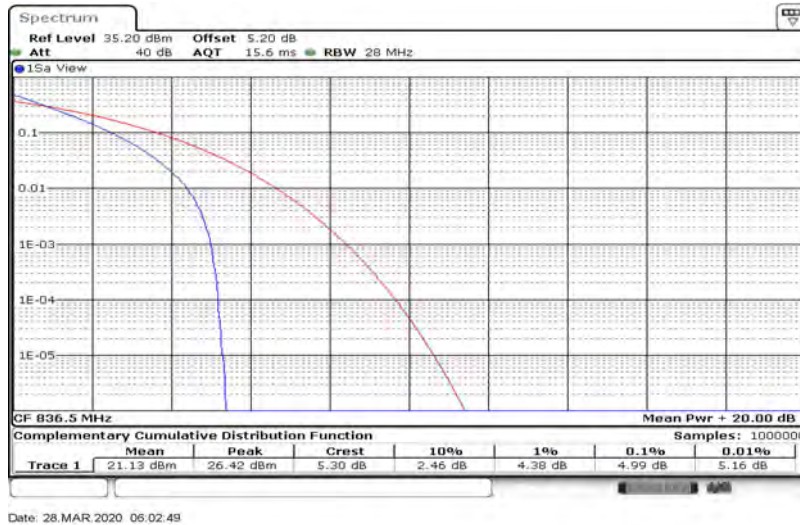


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Date: 28.MAR 2020 06:02:49

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



Date: 28.MAR 2020 06:03:20

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



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



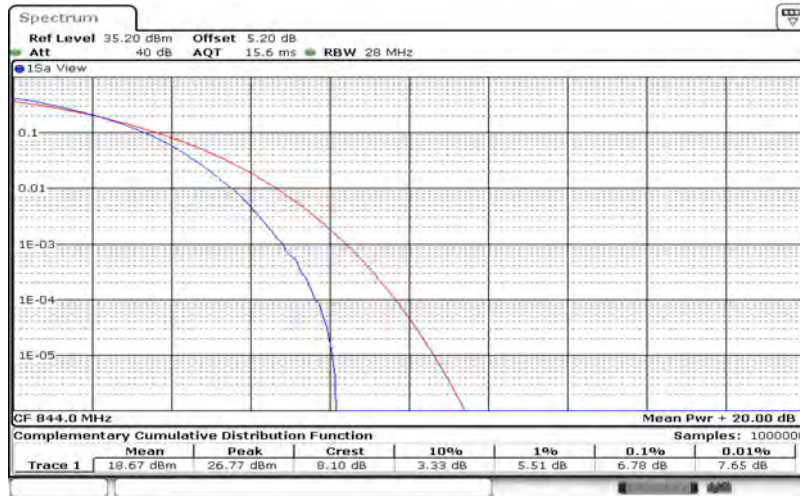
Band5-10MHz-64QAM-20600-50RB#0



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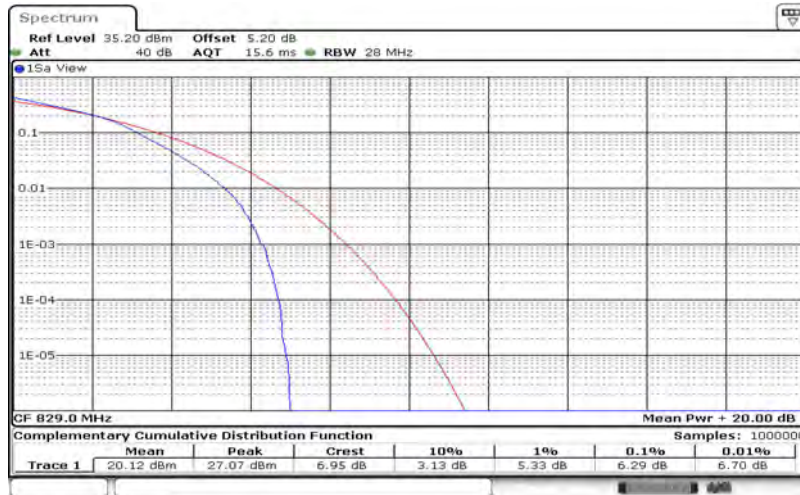
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Date: 28.MAR.2020 08.01.14

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

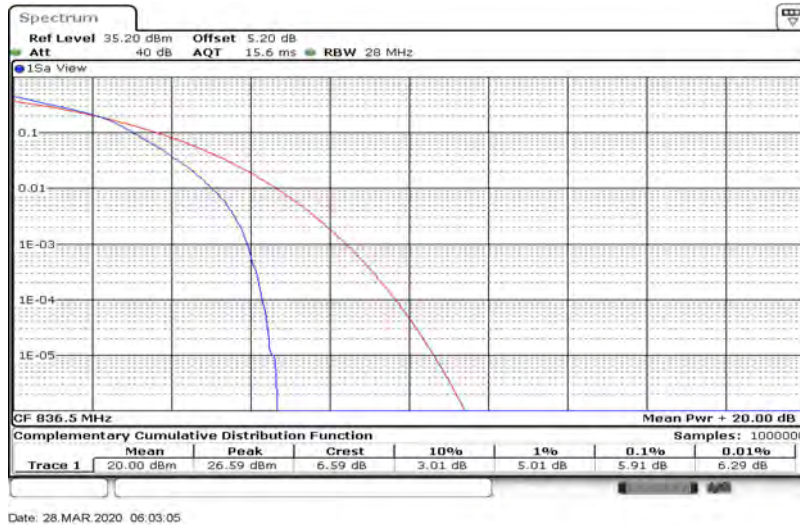


Date: 28.MAR.2020 06.02.33

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



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Date: 28.MAR.2020 06:03:05

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



Date: 28.MAR.2020 06:03:36



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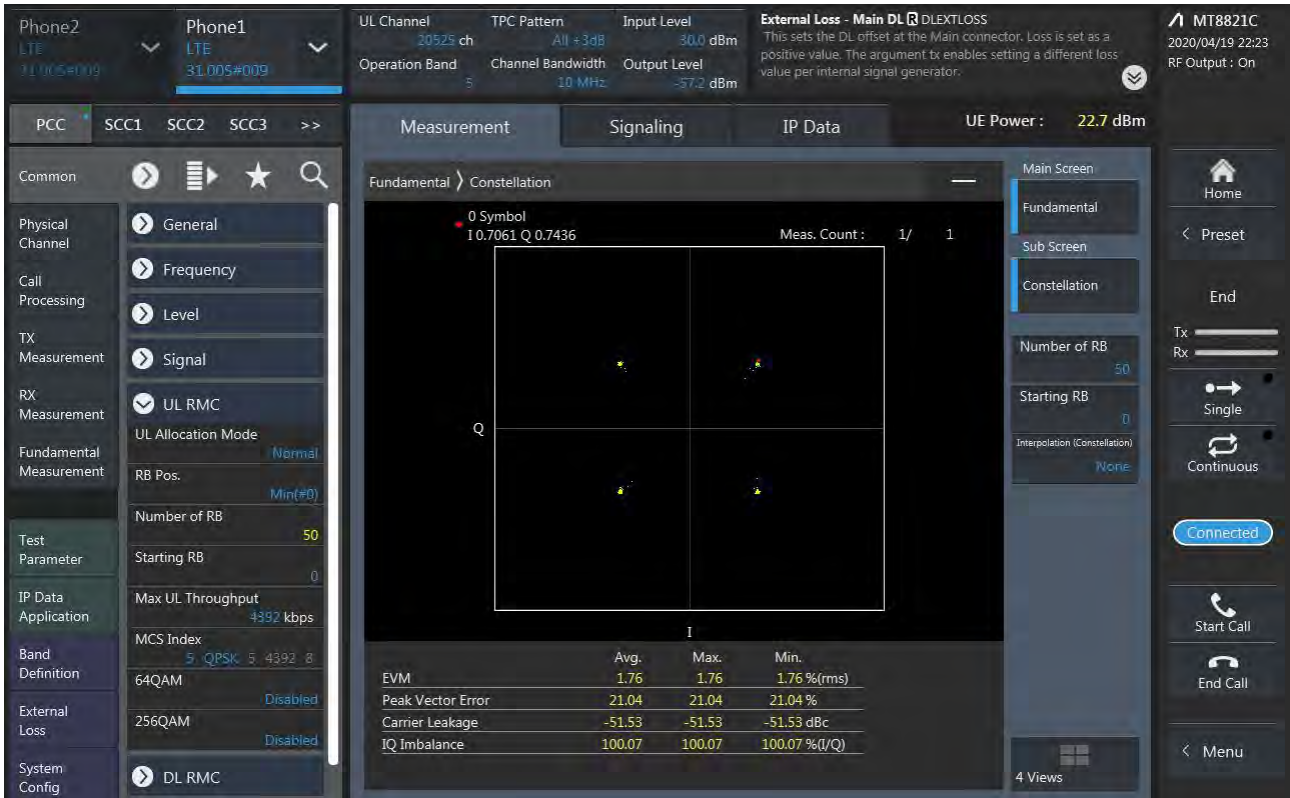




### 3. Modulation Characteristics

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

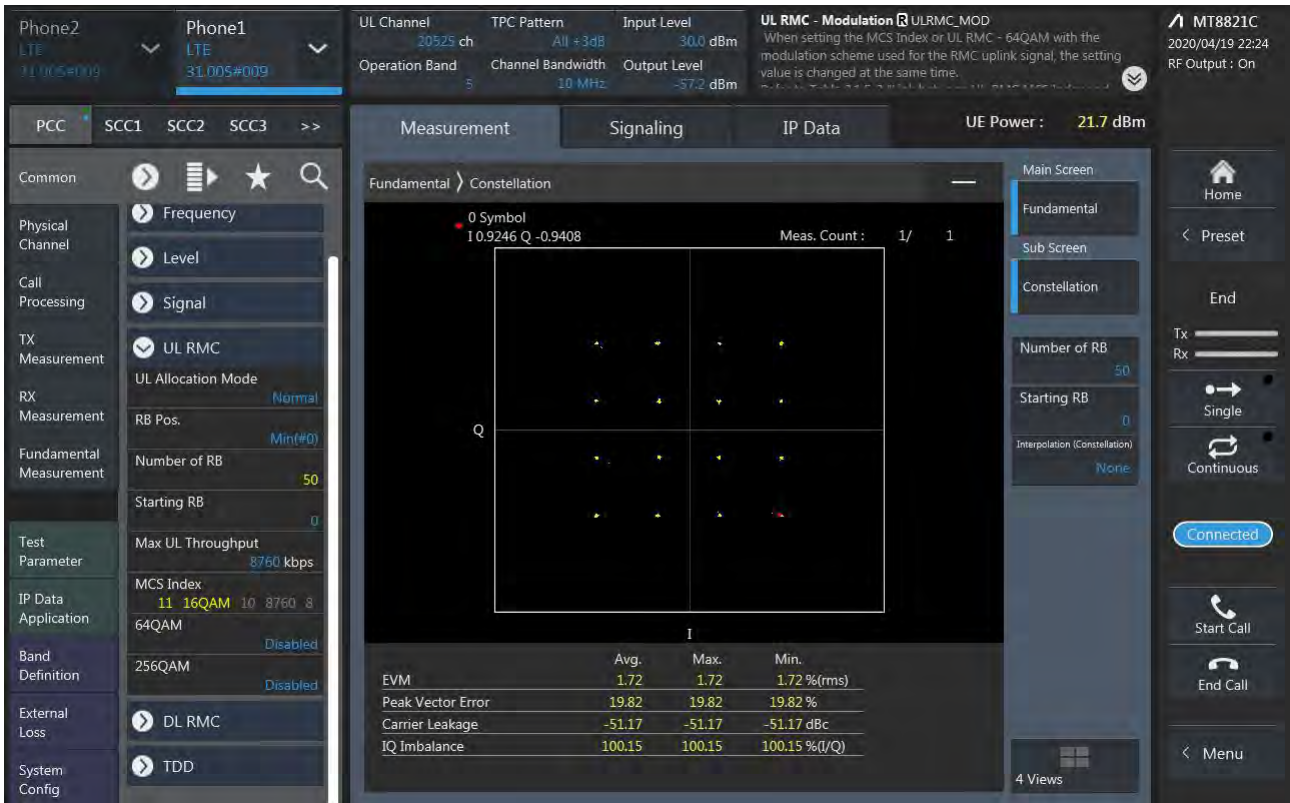
##### 3.1.1. Test Channel = MCH





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

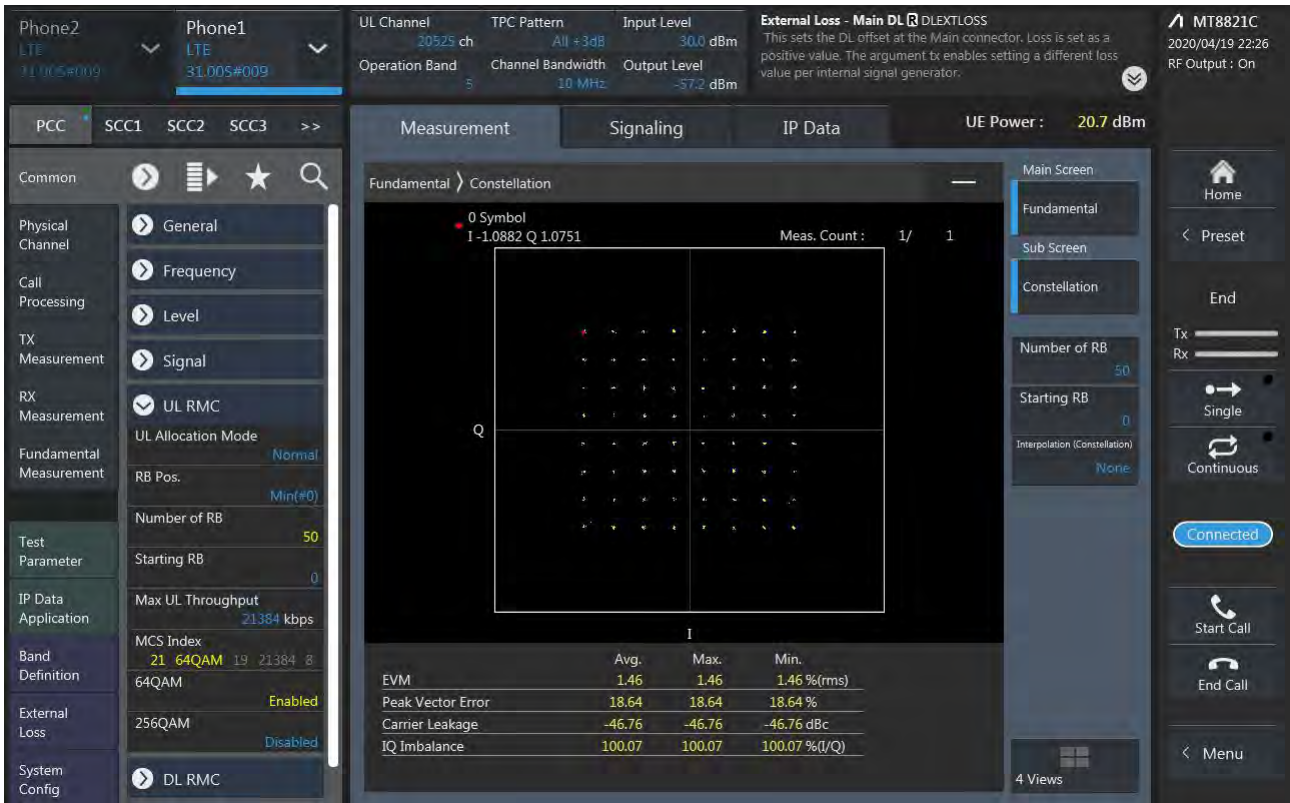
#### 3.2.1. Test Channel = MCH





### 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	1.230	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.088	1.239	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.088	1.236	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.094	1.239	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.094	1.239	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.094	1.242	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.085	1.239	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.085	1.230	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.085	1.236	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.697	3.024	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.697	3.012	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.691	3.006	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.691	3.012	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.685	2.982	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.685	2.982	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.685	2.994	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.691	2.970	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.685	2.976	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.466	4.880	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.476	4.870	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.476	4.880	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.476	4.910	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.476	4.890	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.466	4.890	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.486	4.910	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.486	4.900	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.486	4.910	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.931	9.640	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.911	9.640	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.931	9.660	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.911	9.600	PASS



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Band5	10MHz	64QAM	20525	50RB#0	8.931	9.620	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.931	9.620	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.931	9.640	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.911	9.680	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.931	9.700	PASS

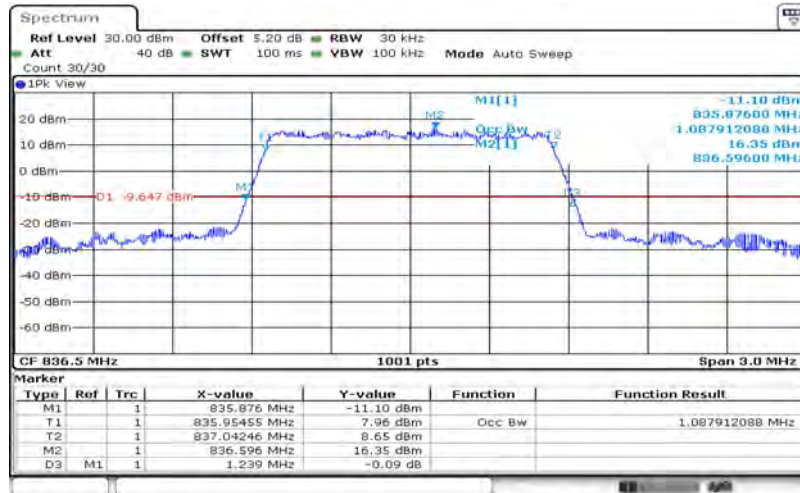
## 4.2. Test Plots

Band5-1.4MHz-QPSK-20407-6RB#0-1.091



Date: 28.MAR.2020 05:36:08

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

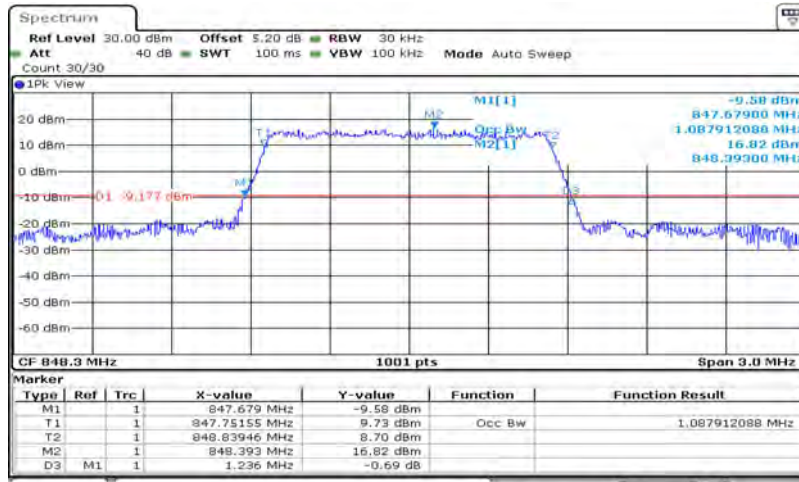


Date: 28.MAR.2020 05:36:33

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

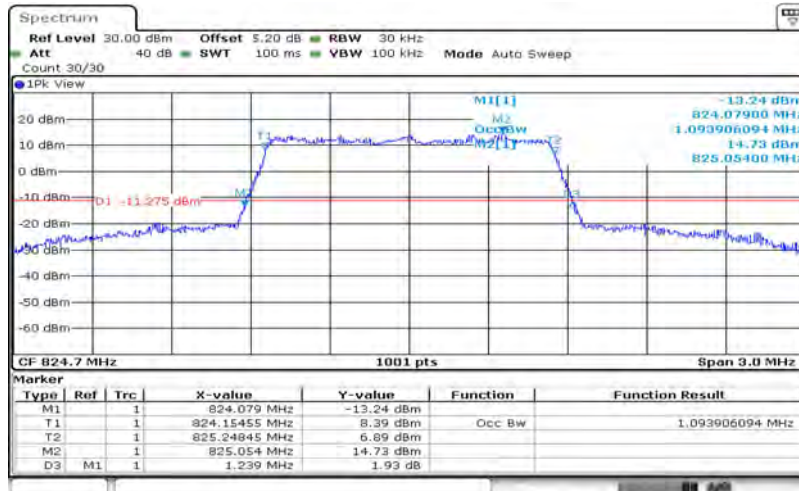


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Date: 28.MAR.2020 05:36:58

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



Date: 28.MAR.2020 07:46:58

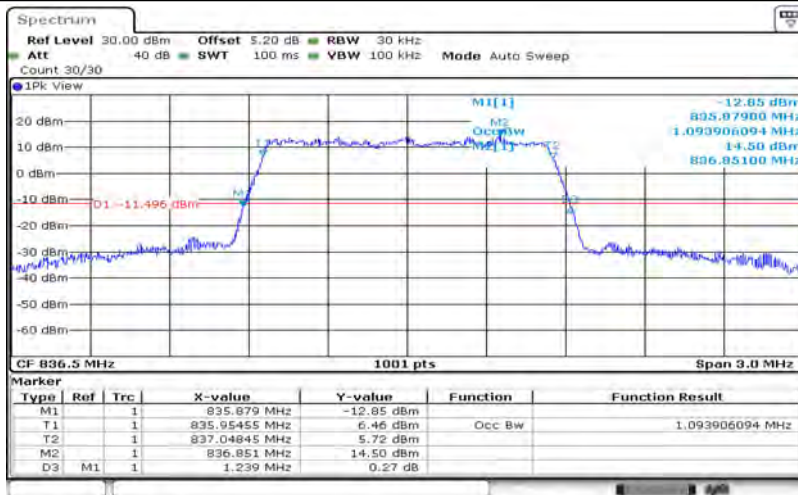
**Band5-1.4MHz-64QAM-20525-6RB#0-1.094**



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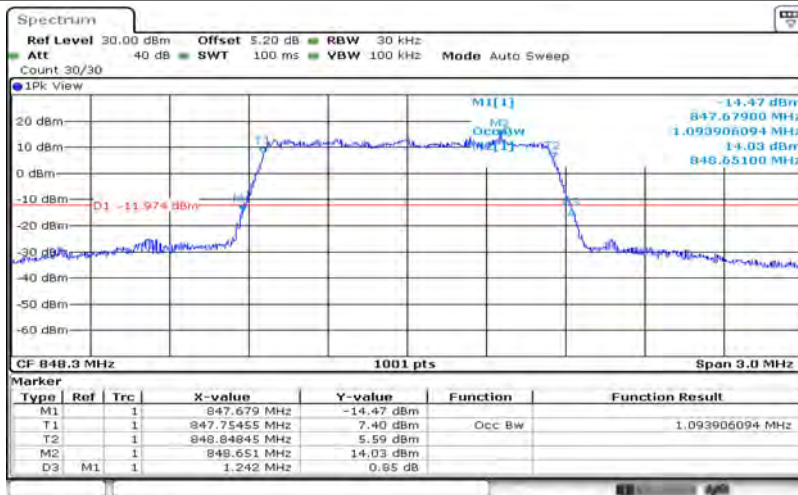
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Date: 28.MAR.2020 07.47.08

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

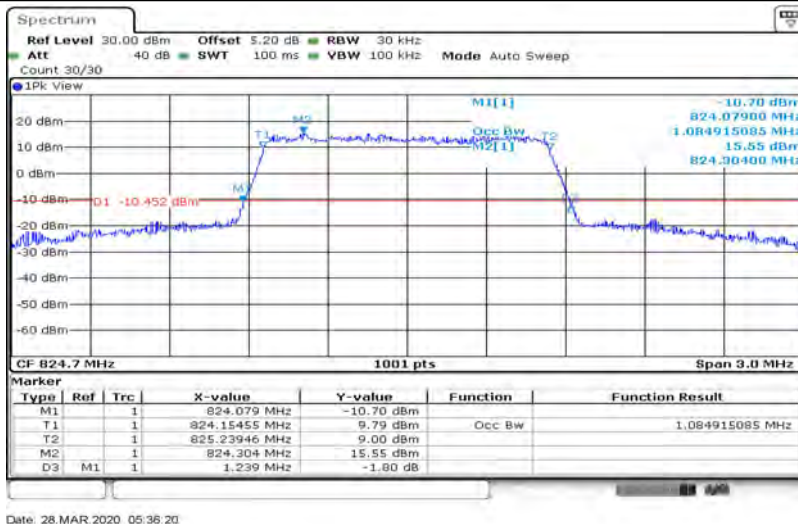


Date: 28.MAR.2020 07.47.22

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

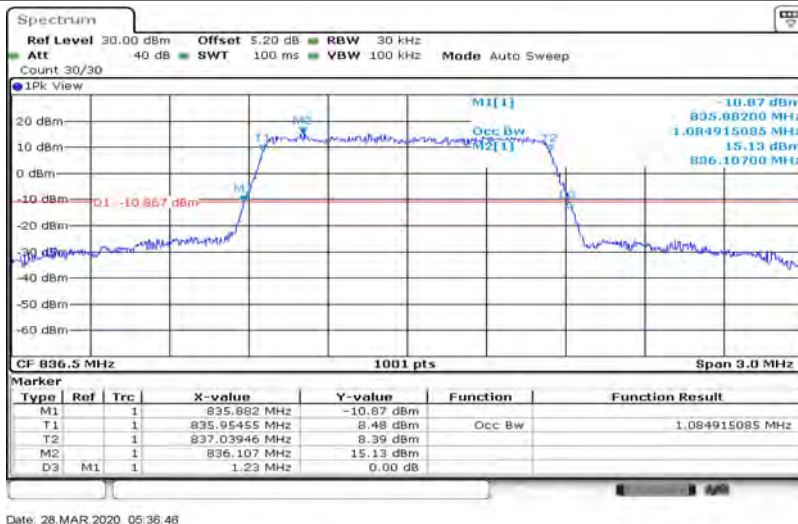


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Date: 28.MAR.2020 05:36:20

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



Date: 28.MAR.2020 05:36:46

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



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Date: 28.MAR.2020 05:37:12

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



Date: 28.MAR.2020 05:37:31

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



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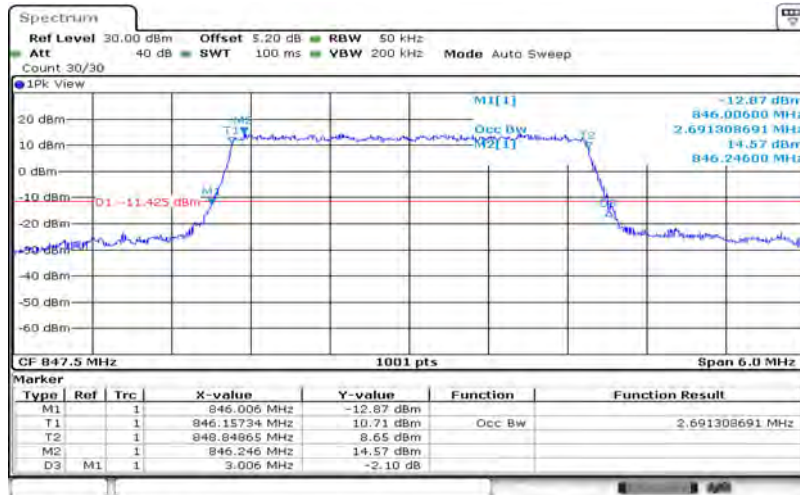
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Date: 28.MAR.2020 05:37:56

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

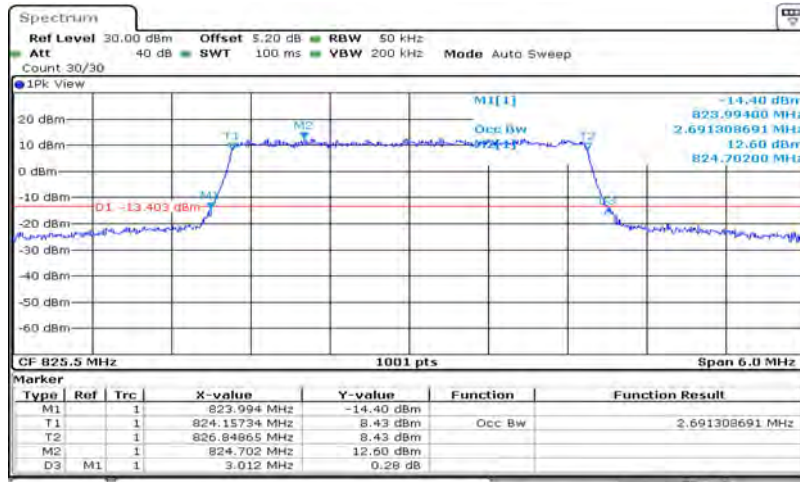


Date: 28.MAR.2020 05:38:22

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

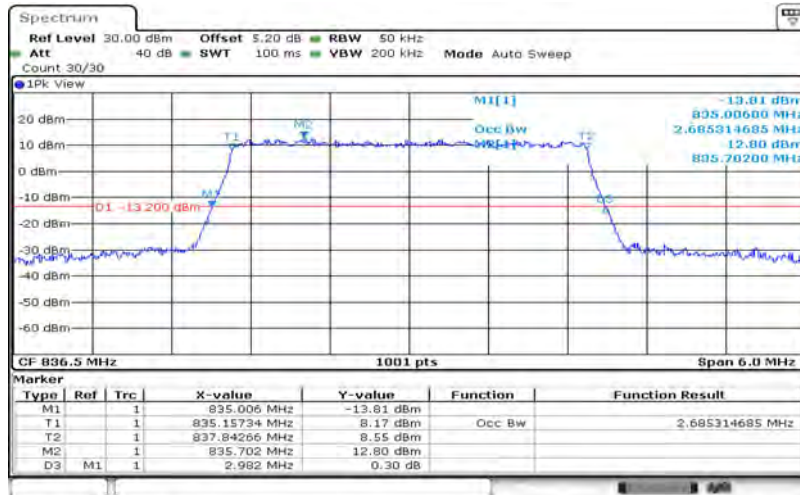


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Date: 28.MAR.2020 07:47:42

Band5-3MHz-64QAM-20525-15RB#0-2.685

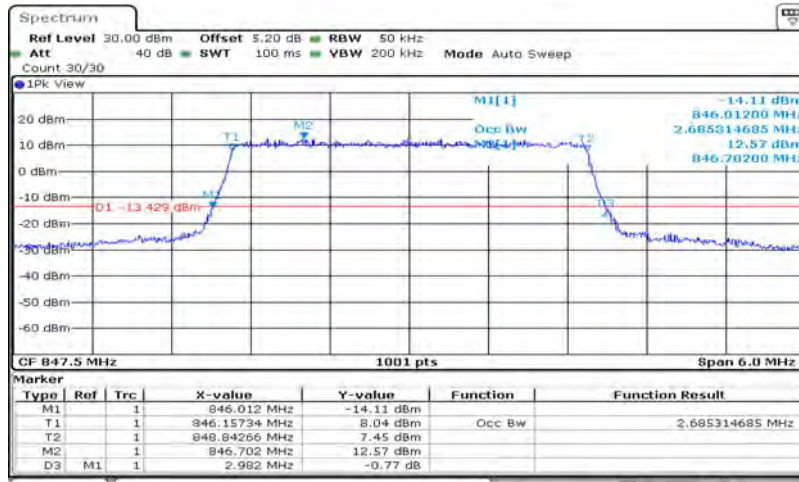


Date: 28.MAR.2020 07:47:55

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

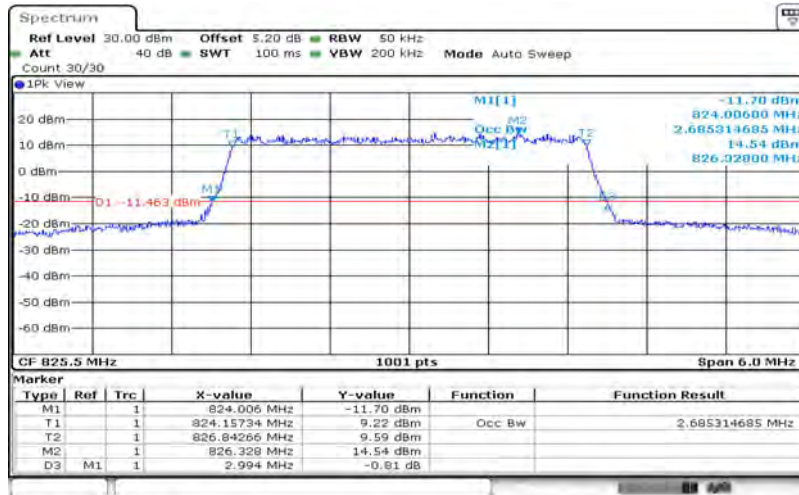


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Date: 28.MAR.2020 07:48:05

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



Date: 28.MAR.2020 05:37:43

**Band5-3MHz-16QAM-20525-15RB#0-2.691**



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Date: 28.MAR.2020 05:38:08

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

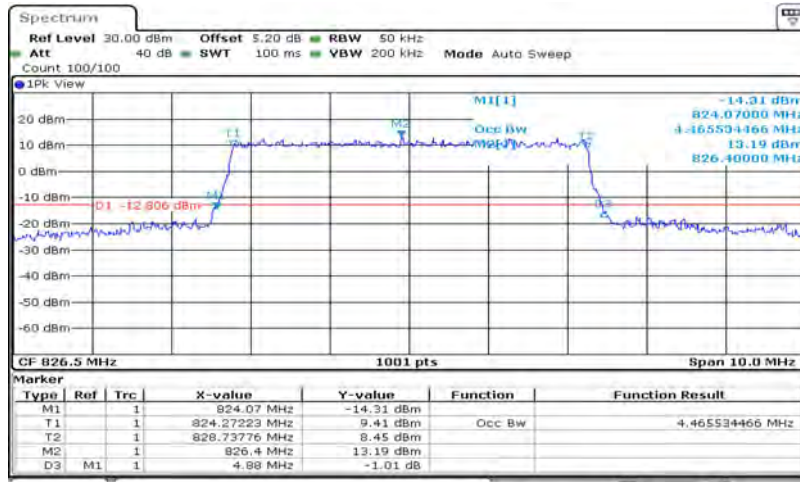


Date: 28.MAR.2020 05:38:35

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

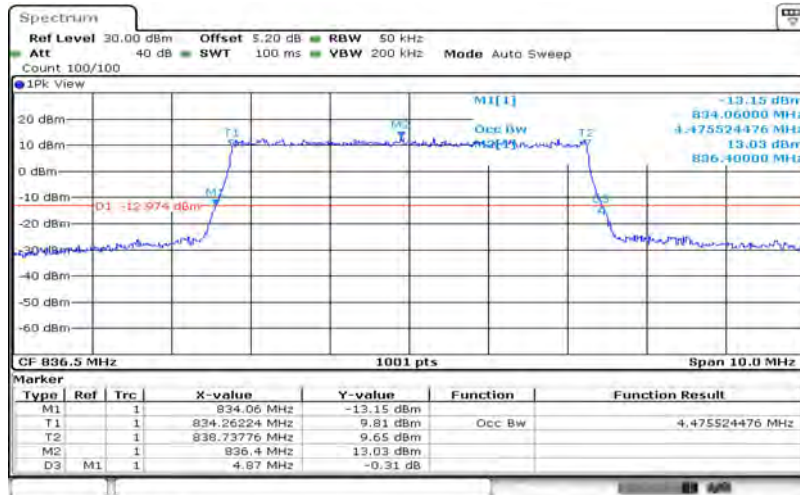


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Date: 28.MAR.2020 05:39:01

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

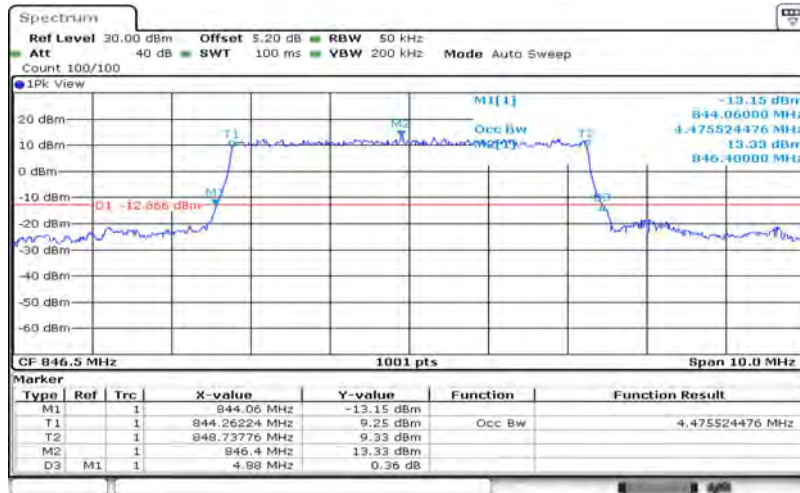


Date: 28.MAR.2020 05:39:41

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

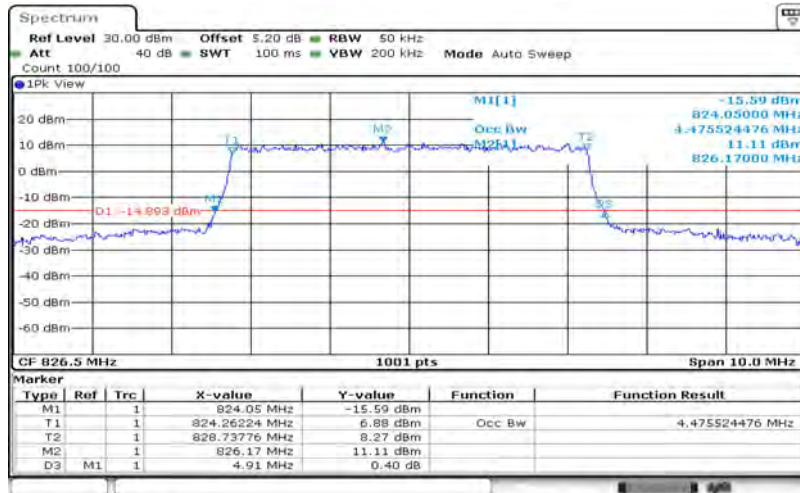


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Date: 28.MAR.2020 05:40:21

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

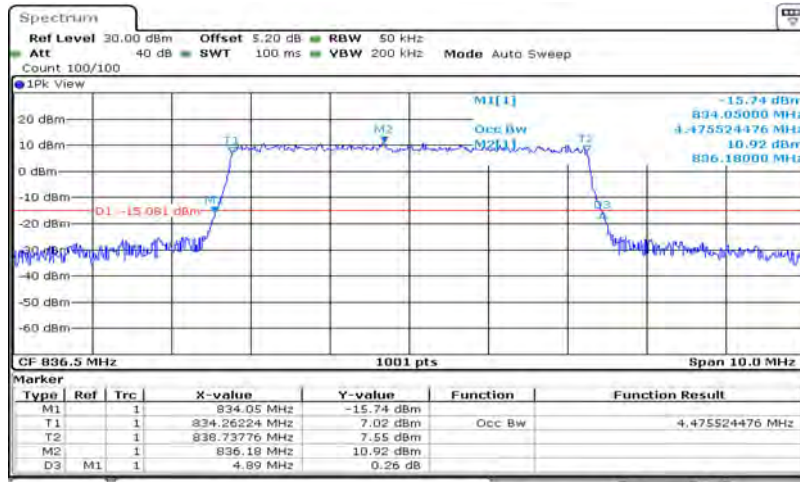


Date: 28.MAR.2020 07:48:34

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

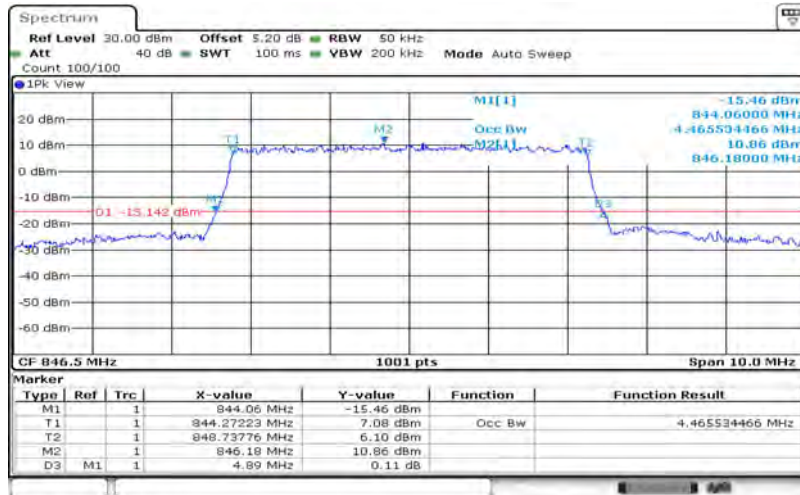


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Date: 28.MAR.2020 07:48:54

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



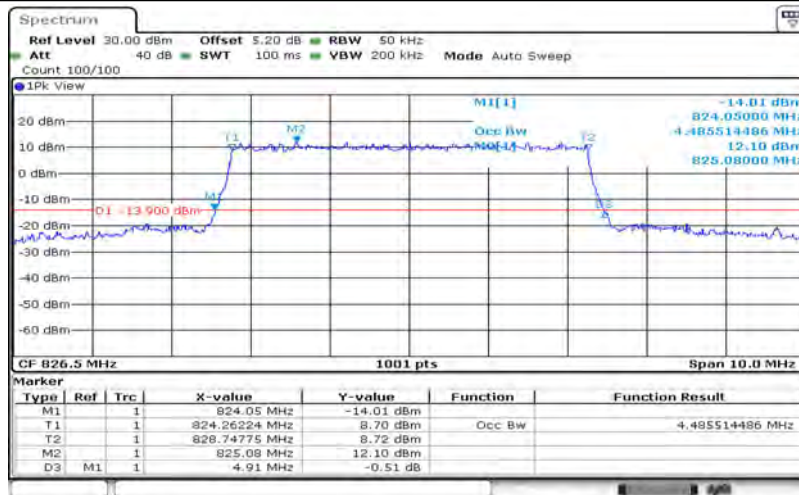
Date: 28.MAR.2020 07:49:14

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



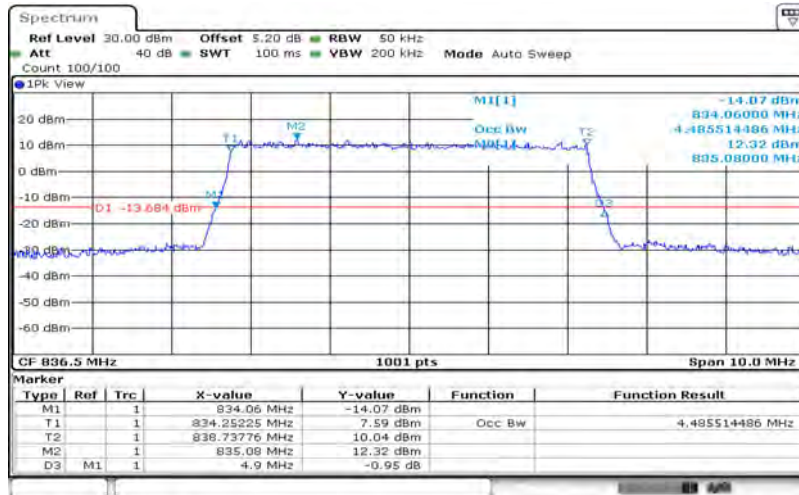
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Date: 28.MAR.2020 05:39:21

**Band5-5MHz-16QAM-20525-25RB#0-4.486**

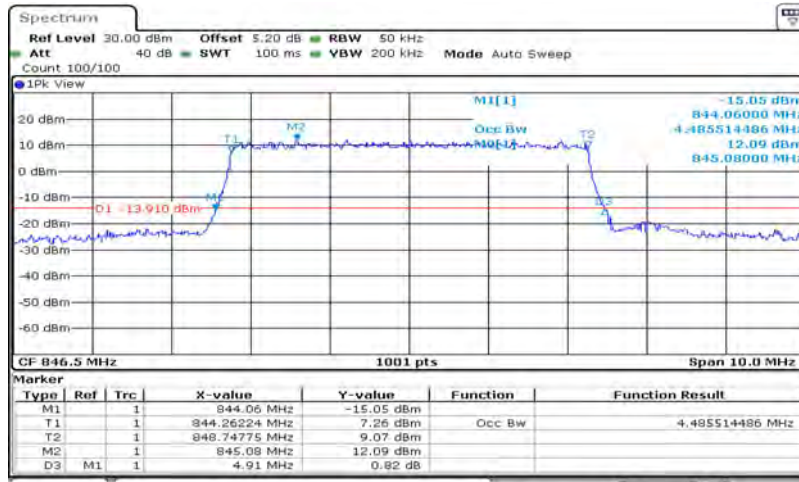


Date: 28.MAR.2020 05:40:01

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

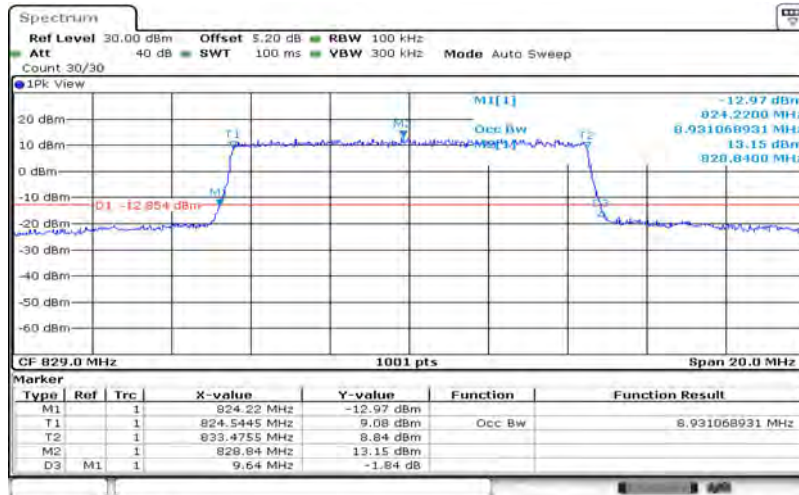


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Date: 28.MAR.2020 05:40:41

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

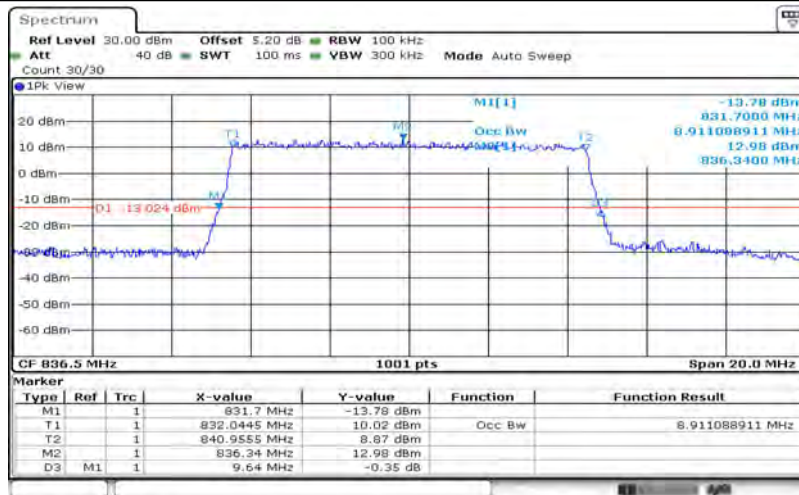


Date: 28.MAR.2020 05:40:58

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

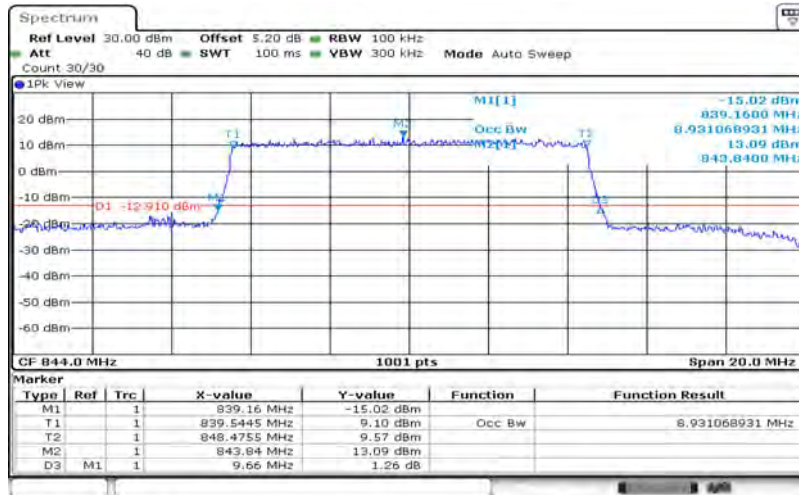


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Date: 28.MAR.2020 05:41:27

**Band5-10MHz-QPSK-20600-50RB#0-8.931**

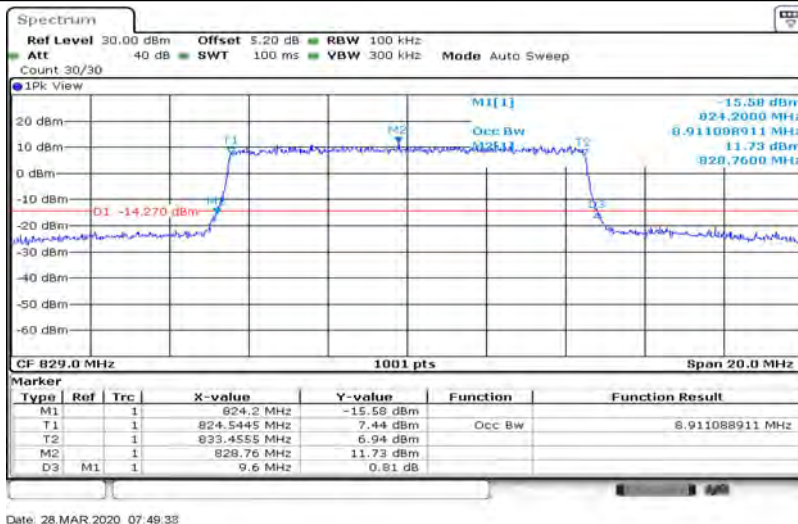


Date: 28.MAR.2020 05:41:52

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



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Date: 28.MAR.2020 07:49:35

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



Date: 28.MAR.2020 07:49:46

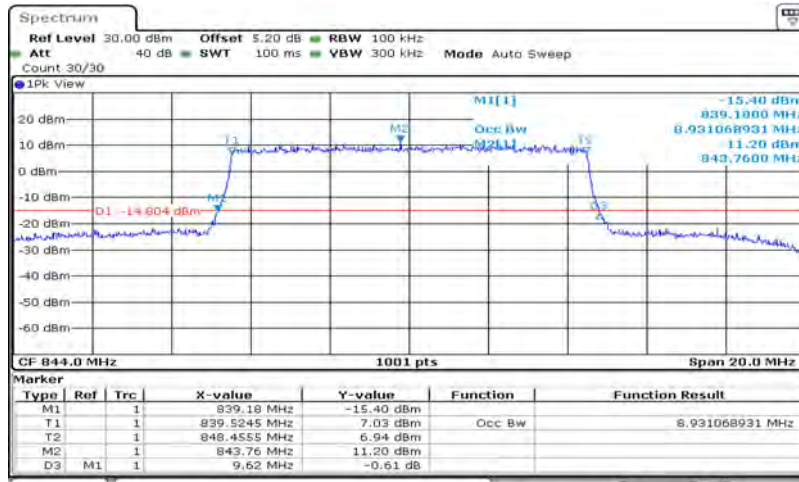
Band5-10MHz-64QAM-20600-50RB#0-8.931



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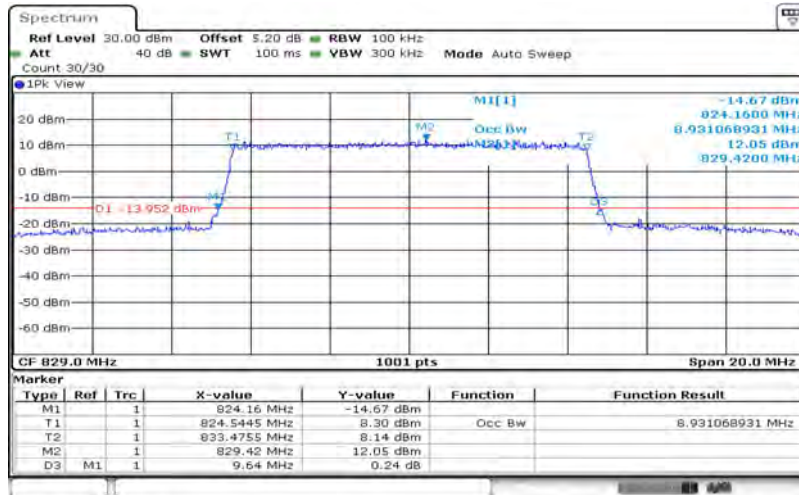
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Date: 28.MAR.2020 07:49:58

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



Date: 28.MAR.2020 05:41:13

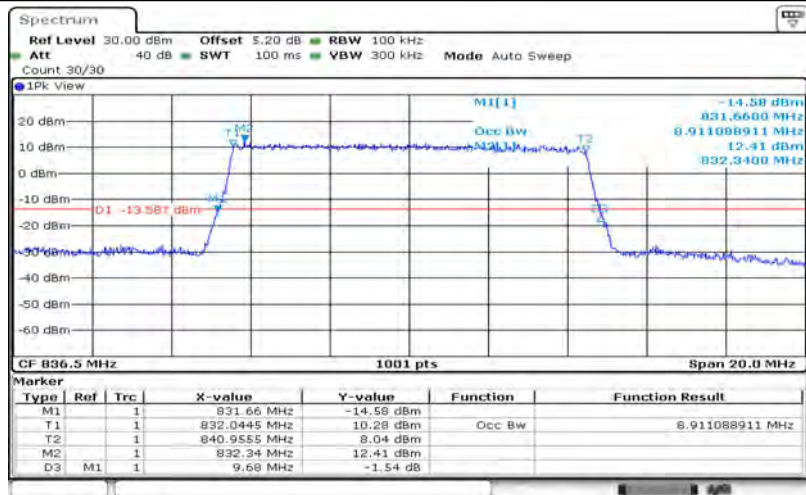
**Band5-10MHz-16QAM-20525-50RB#0-8.911**



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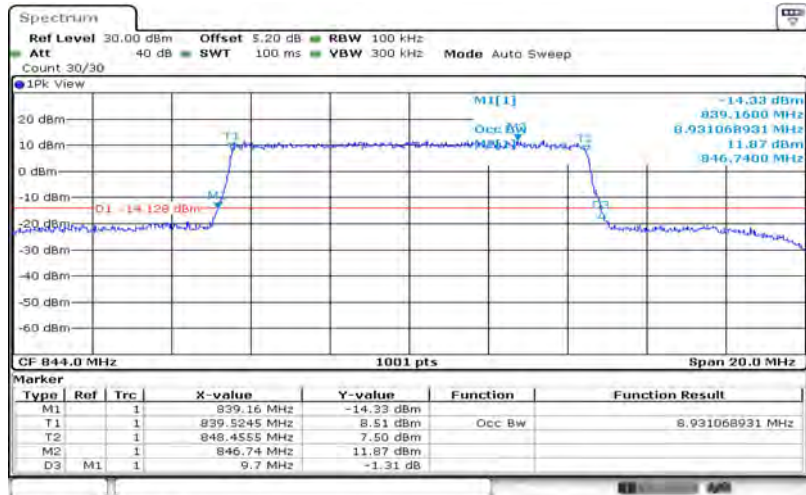
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Date: 28.MAR.2020 05:41:38

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



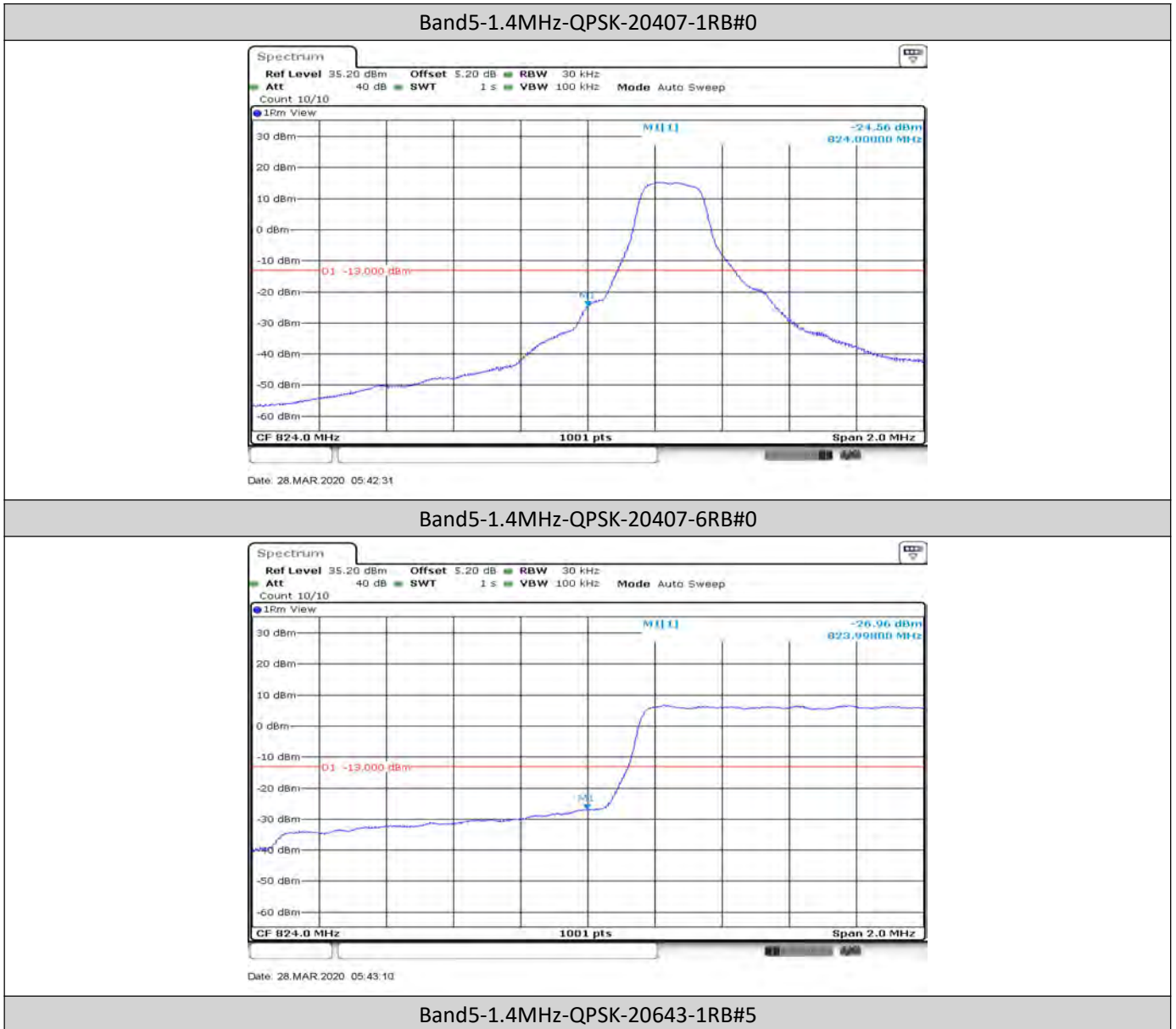
Date: 28.MAR.2020 05:42:05



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## 5. Band Edge Compliance

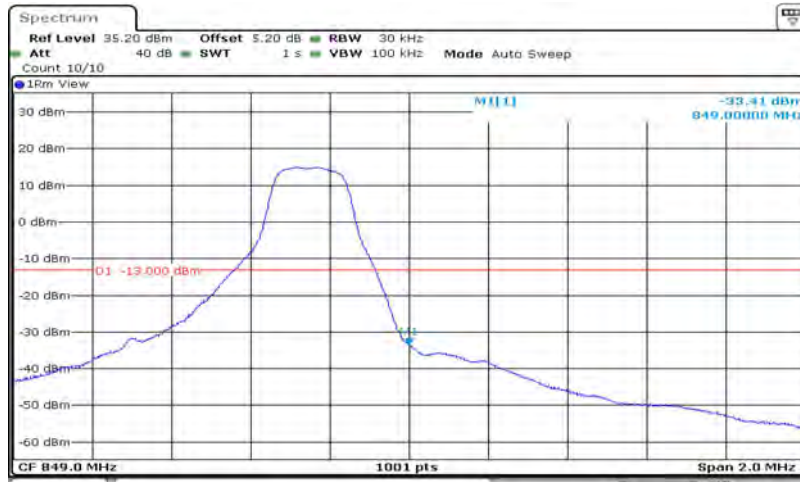
### 5.1. Test Plots



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 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Date: 28.MAR.2020 05:43:53

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



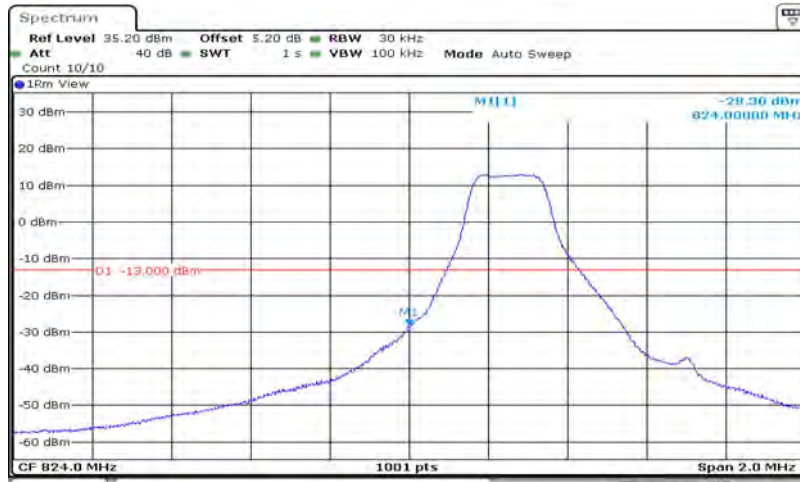
Date: 28.MAR.2020 05:44:33

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



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Date: 28.MAR.2020 07:50:25

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



Date: 28.MAR.2020 07:50:45

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



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Date: 28.MAR.2020 07:51:08

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



Date: 28.MAR.2020 07:51:29

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



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Date: 28.MAR.2020 05:42:50

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



Date: 28.MAR.2020 05:43:29

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



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Date: 28.MAR.2020 05:44:13

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



Date: 28.MAR.2020 05:44:52

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



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Date: 28.MAR.2020 05:45:18

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

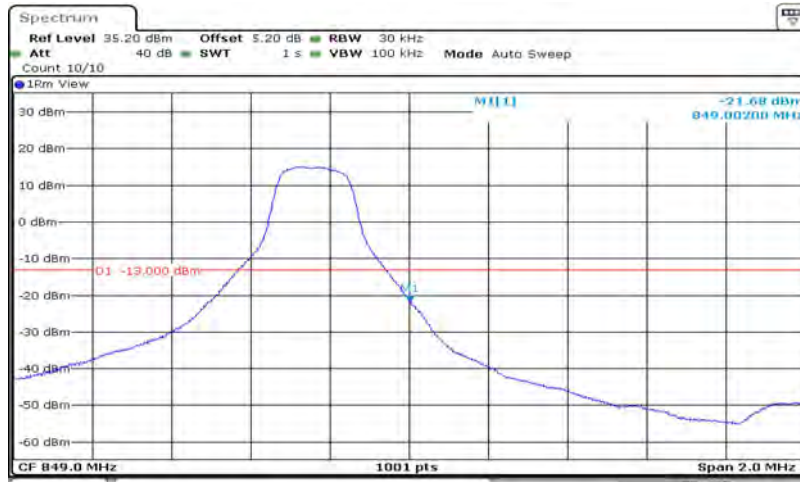


Date: 28.MAR.2020 05:45:57

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



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Date: 28.MAR.2020 05:46:41

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

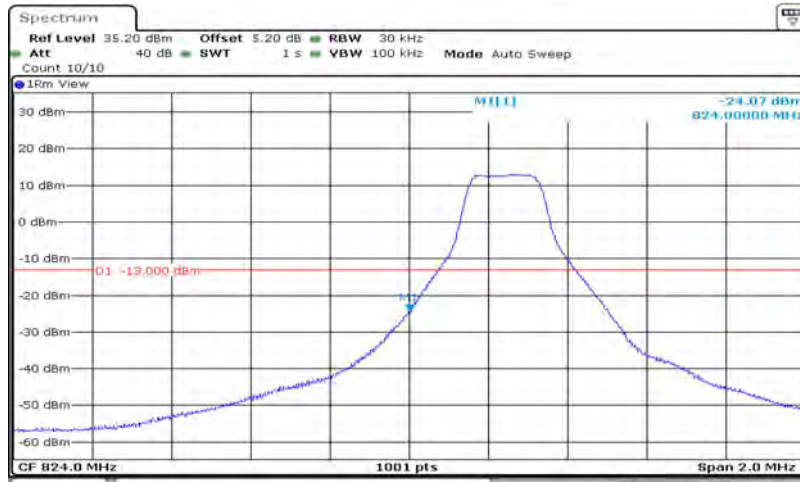


Date: 28.MAR.2020 05:47:20

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



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Date: 28.MAR.2020 07:51:55

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

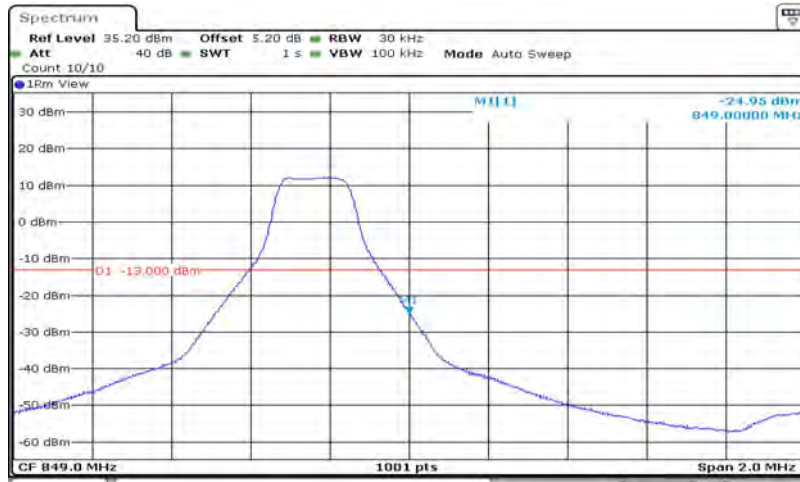


Date: 28.MAR.2020 07:52:15

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



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Date: 28.MAR.2020 07:52:39

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



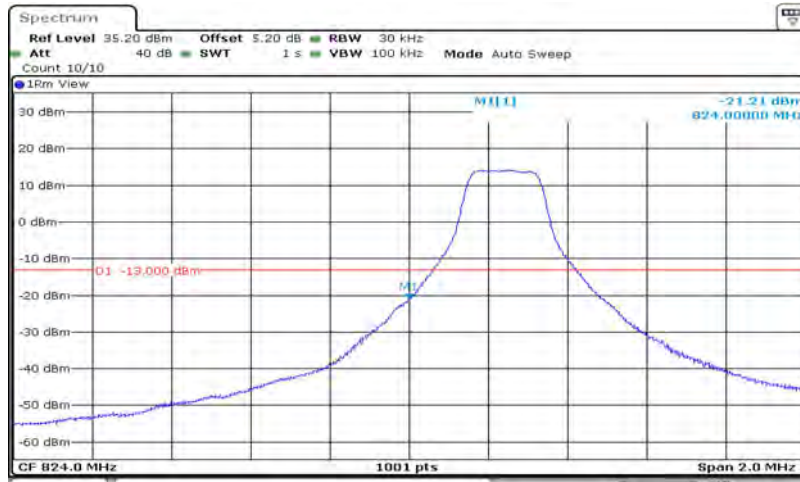
Date: 28.MAR.2020 07:52:59

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



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Date: 28.MAR.2020 05:45:37

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

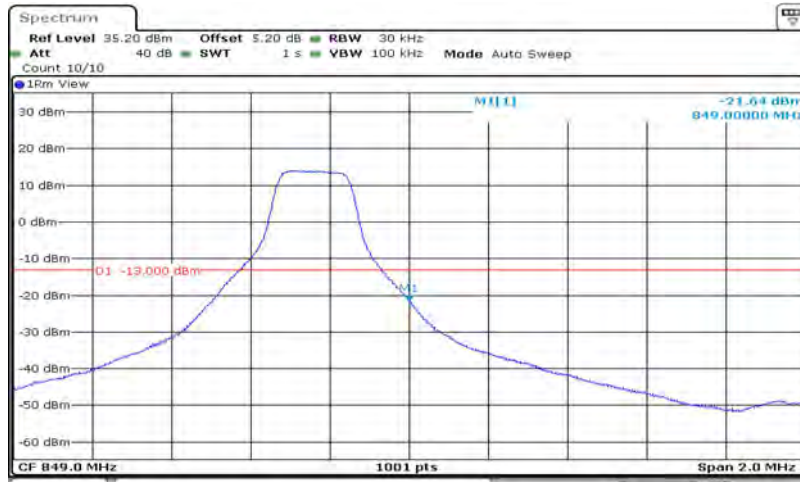


Date: 28.MAR.2020 05:46:17

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



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Date: 28.MAR.2020 05:47:00

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

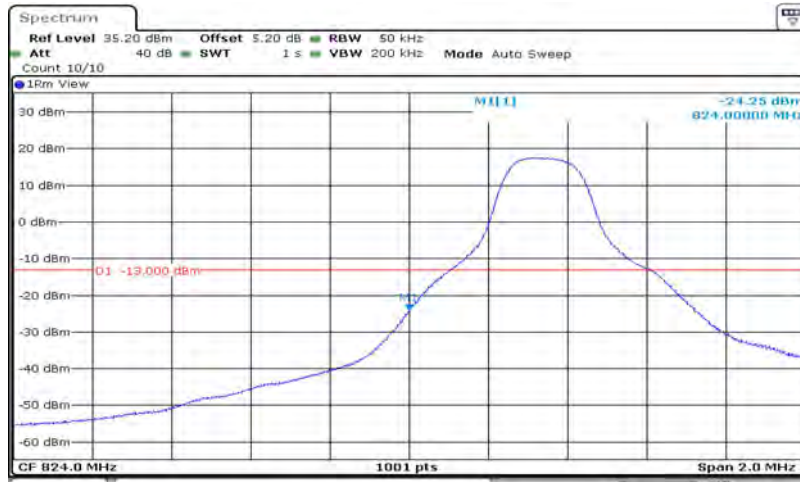


Date: 28.MAR.2020 05:47:39

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



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Date: 28.MAR.2020 05:48:04

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

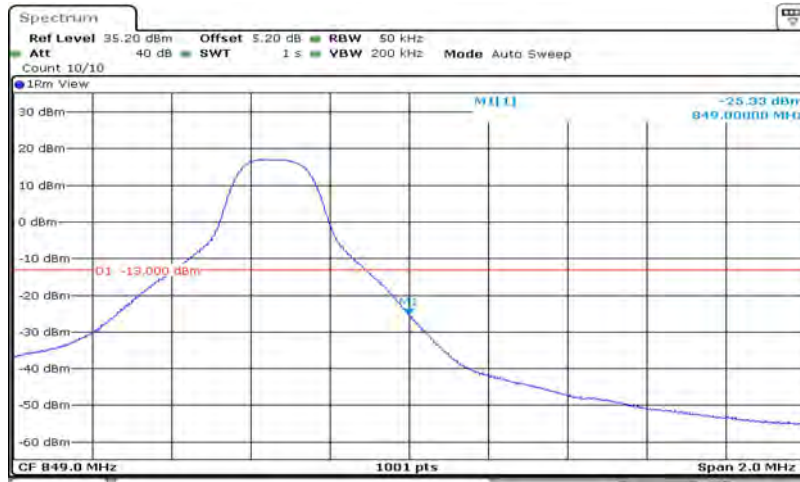


Date: 28.MAR.2020 05:48:44

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



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Date: 28.MAR.2020 05:49:27

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



Date: 28.MAR.2020 05:50:06

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



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Date: 28.MAR.2020 07:53:25

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



Date: 28.MAR.2020 07:53:45

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



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Date: 28.MAR.2020 07:54:08

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



Date: 28.MAR.2020 07:54:29

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



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Date: 28.MAR.2020 05:48:24

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

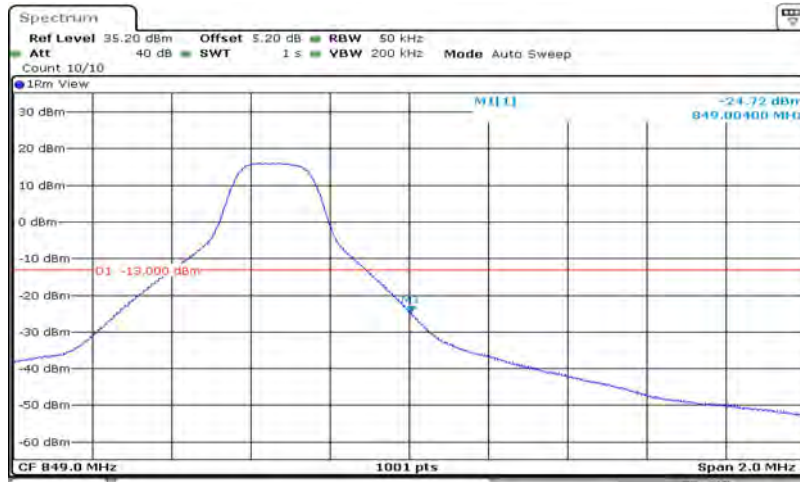


Date: 28.MAR.2020 05:49:03

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



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Date: 28.MAR.2020 05:49:47

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



Date: 28.MAR.2020 05:50:26

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



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Date: 28.MAR.2020 05:50:51

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



Date: 28.MAR.2020 05:51:30

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



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Date: 28.MAR.2020 05:52:14

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



Date: 28.MAR.2020 05:52:53

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



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Date: 28.MAR.2020 07:54:55

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

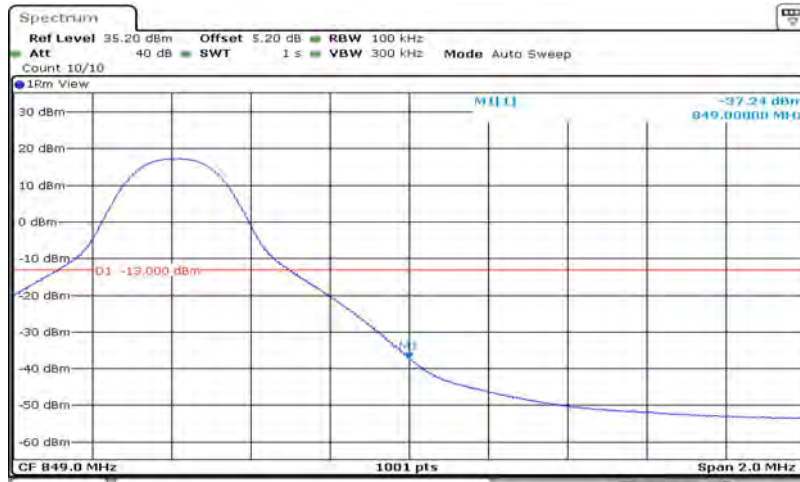


Date: 28.MAR.2020 07:55:14

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



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Date: 28.MAR.2020 07:55:38

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



Date: 28.MAR.2020 07:55:58

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



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



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



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Date: 28.MAR.2020 05:52:34

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



Date: 28.MAR.2020 05:53:13



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Shenzhen Branch

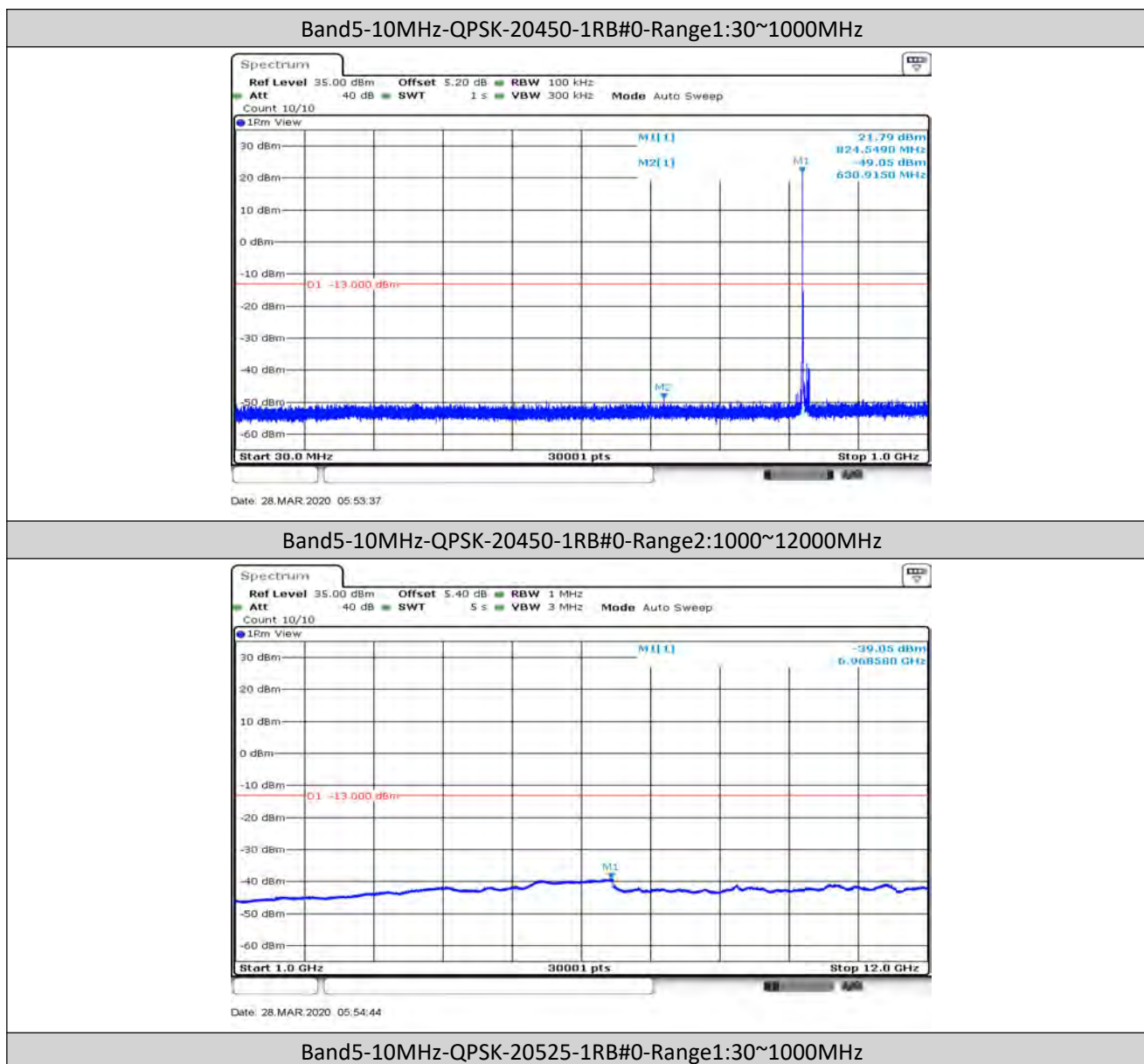
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## 6. Spurious Emission at Antenna Terminal

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.

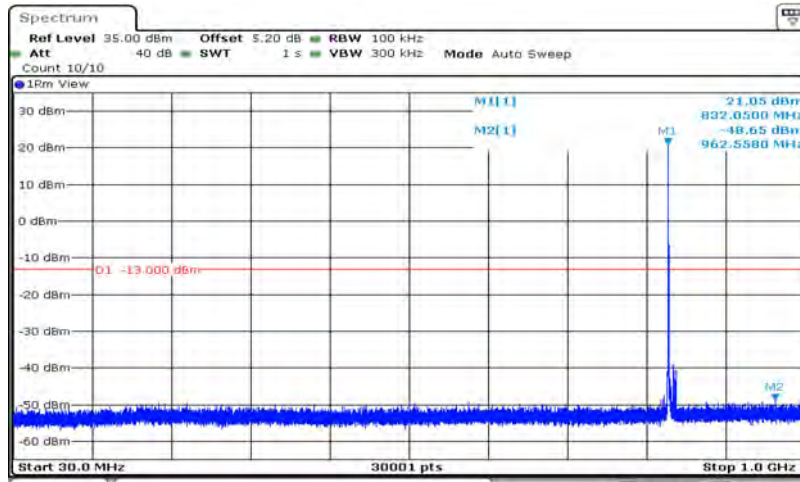
### 6.1. Test Plots



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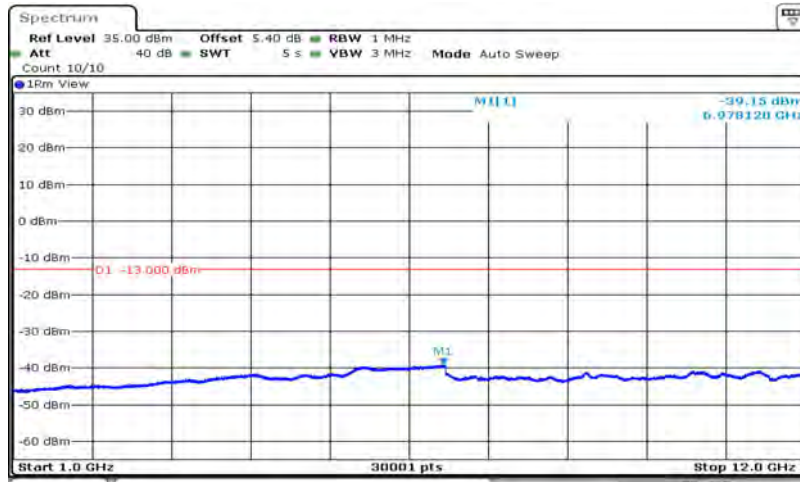
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Date: 28.MAR.2020 05:56:32

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



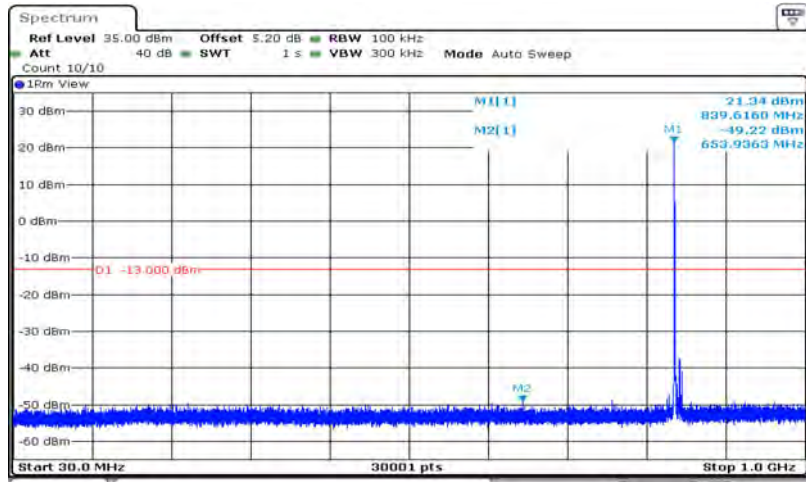
Date: 28.MAR.2020 05:57:38

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



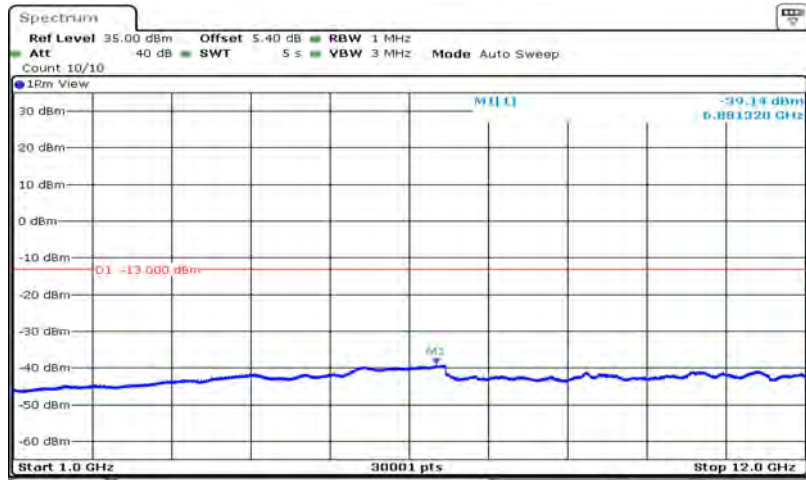
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Date: 28.MAR.2020 05:59:26

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

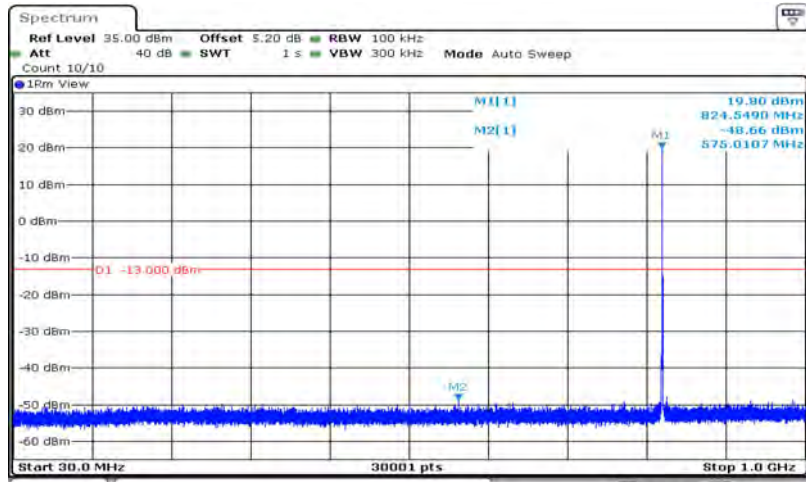


Date: 28.MAR.2020 06:00:35

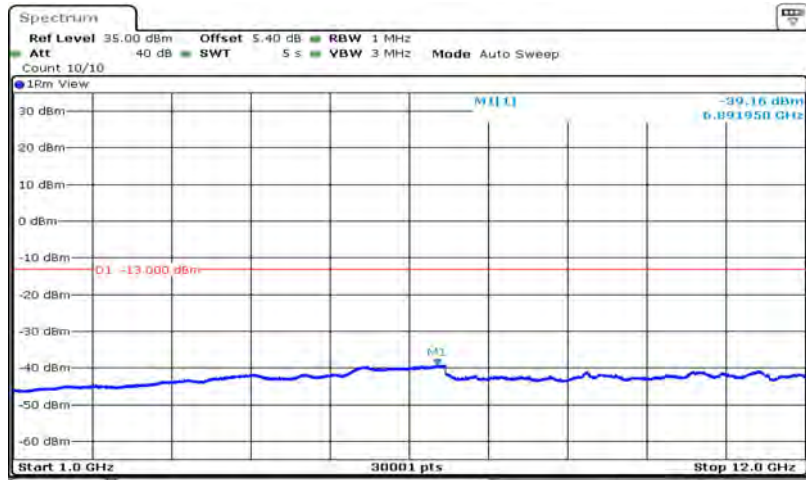
**Band5-10MHz-64QAM-20450-1RB#0-Range1:30~1000MHz**



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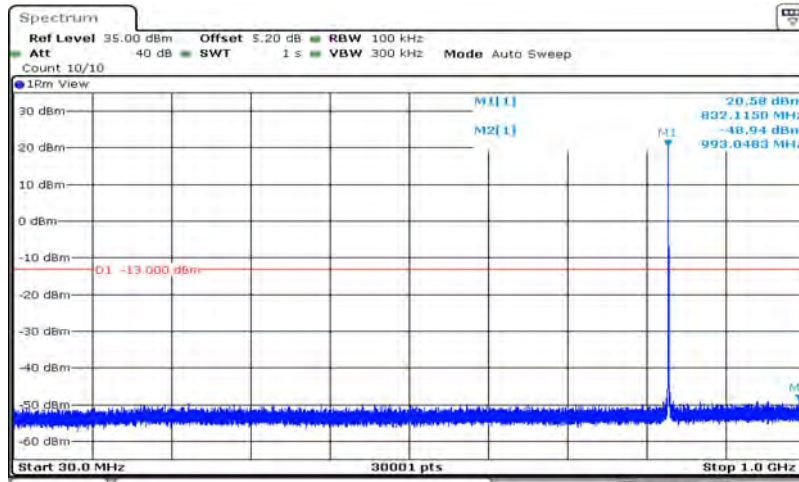
**Band5-10MHz-64QAM-20450-1RB#0-Range2:1000~12000MHz**



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

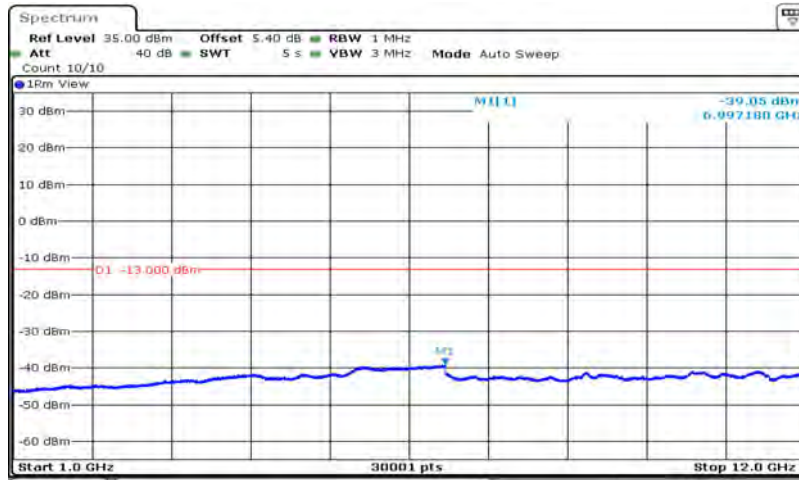


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Date: 28.MAR.2020 07:57:50

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

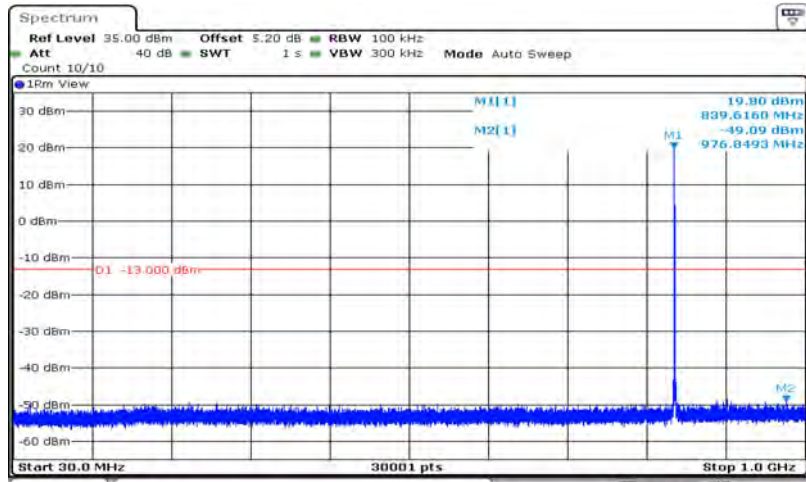


Date: 28.MAR.2020 07:58:58

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

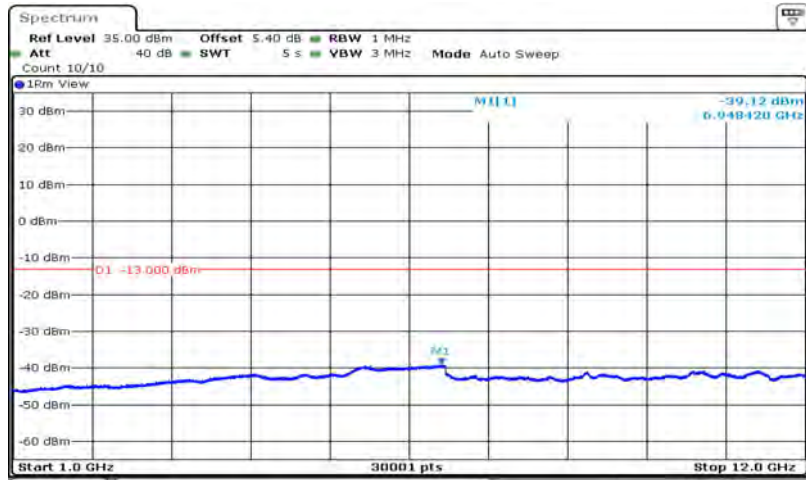


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Date: 28.MAR.2020 07:59:17

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

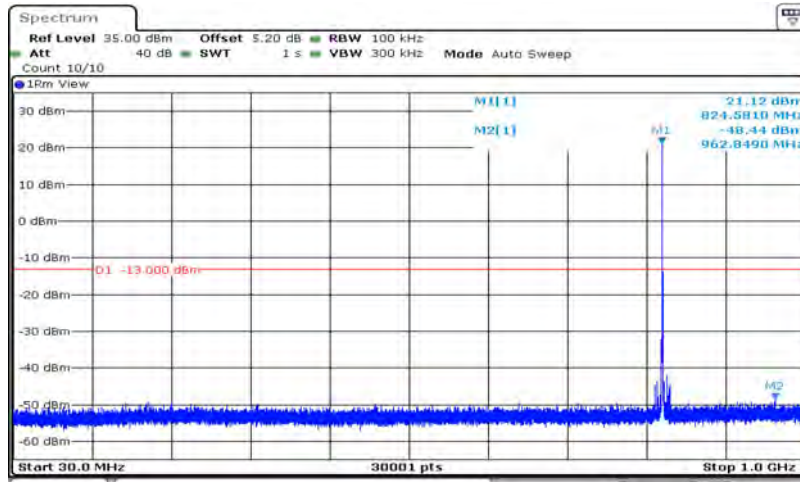


Date: 28.MAR.2020 08:00:25

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

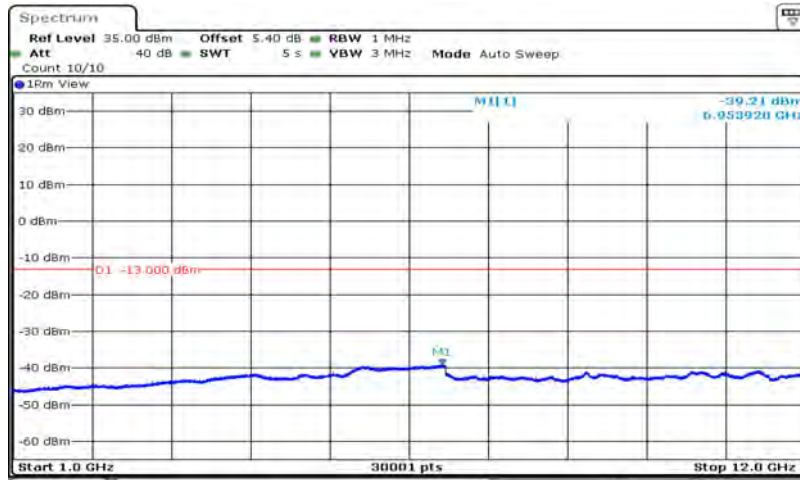


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Date: 28.MAR.2020 05:55:04

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

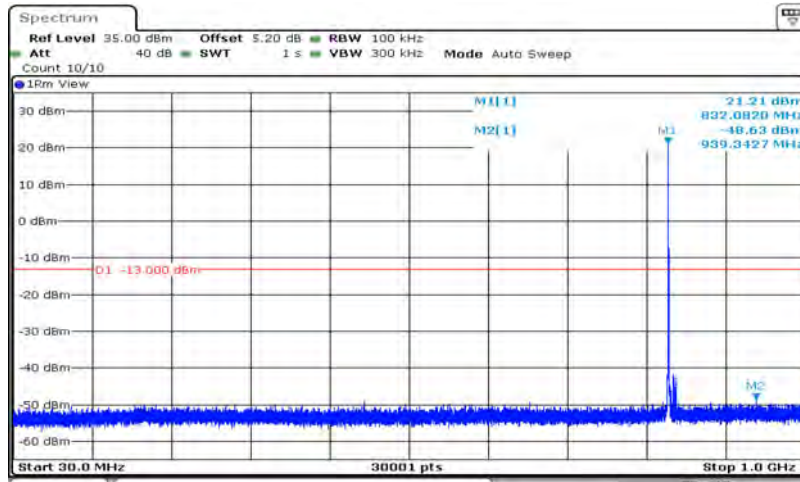


Date: 28.MAR.2020 05:56:12

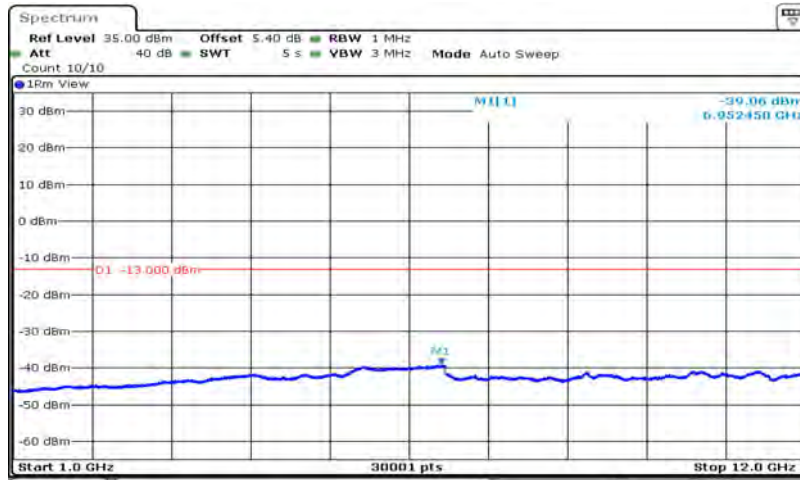
**Band5-10MHz-16QAM-20525-1RB#0-Range1:30~1000MHz**



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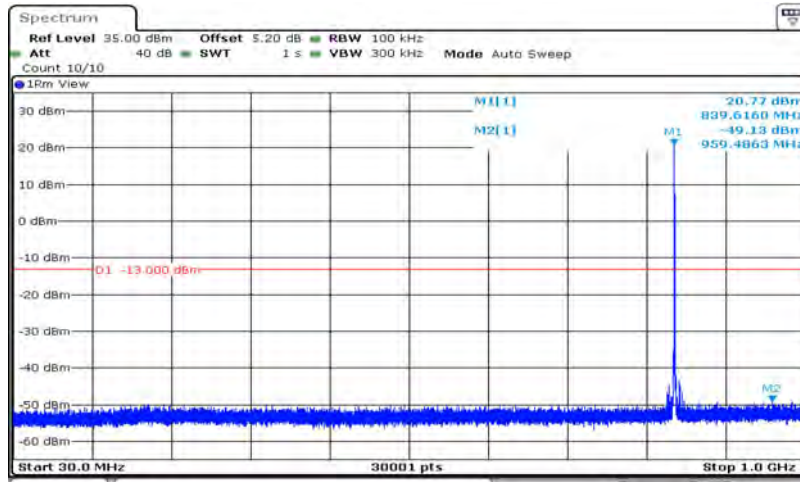
**Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~12000MHz**



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

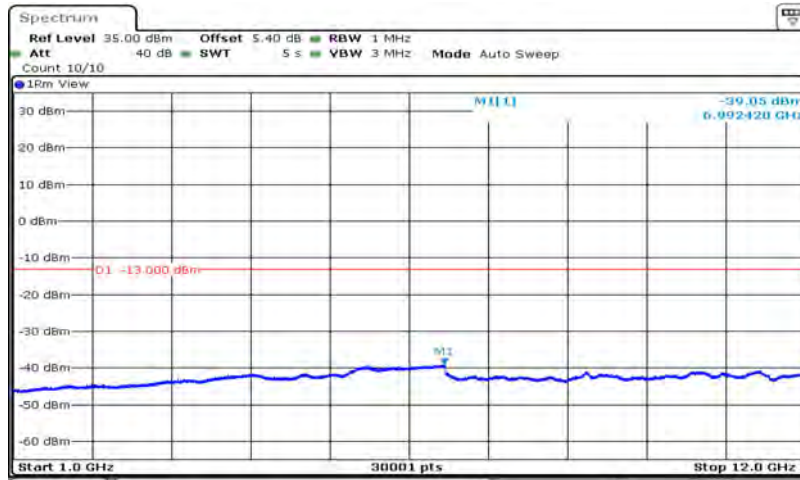


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## 7. Field Strength of Spurious Radiation

### 7.1. Test Mode =LTE/TM1 (Down Ant)

#### 7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
65.6493	-67.54	-13.00	54.54	Vertical
110.4170	-63.03	-13.00	50.03	Vertical
379.7995	-65.73	-13.00	52.73	Vertical
989.1355	-53.35	-13.00	40.35	Vertical
2999.1998	-56.49	-13.00	43.49	Vertical
8794.5932	-53.80	-13.00	40.80	Vertical
44.3567	-62.64	-13.00	49.64	Horizontal
233.0312	-65.65	-13.00	52.65	Horizontal
608.0034	-60.89	-13.00	47.89	Horizontal
996.4108	-52.68	-13.00	39.68	Horizontal
2679.9360	-56.52	-13.00	43.52	Horizontal
8806.9936	-53.46	-13.00	40.46	Horizontal

#### 7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
78.3569	-66.81	-13.00	53.81	Vertical
110.0775	-62.89	-13.00	49.89	Vertical
599.5640	-60.75	-13.00	47.75	Vertical
989.3295	-53.23	-13.00	40.23	Vertical
2993.1986	-56.55	-13.00	43.55	Vertical
8777.7926	-53.62	-13.00	40.62	Vertical
43.4837	-61.40	-13.00	48.40	Horizontal
244.4777	-65.67	-13.00	52.67	Horizontal
584.7707	-60.53	-13.00	47.53	Horizontal
884.2247	-50.71	-13.00	37.71	Horizontal
2687.5375	-56.20	-13.00	43.20	Horizontal
8787.3929	-53.84	-13.00	40.84	Horizontal



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### 7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
77.1929	-66.68	-13.00	53.68	Vertical
110.2715	-62.80	-13.00	49.80	Vertical
603.1532	-61.01	-13.00	48.01	Vertical
996.4108	-52.92	-13.00	39.92	Vertical
2999.5999	-56.49	-13.00	43.49	Vertical
8809.3936	-53.55	-13.00	40.55	Vertical
39.1185	-62.17	-13.00	49.17	Horizontal
236.0383	-65.37	-13.00	52.37	Horizontal
544.9017	-62.08	-13.00	49.08	Horizontal
999.0785	-53.09	-13.00	40.09	Horizontal
2699.9400	-56.09	-13.00	43.09	Horizontal
8026.7676	-55.13	-13.00	42.13	Horizontal

## 7.2. Test Mode =LTE/TM1 (Up Ant)

### 7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
65.8918	-67.14	-13.00	54.14	Vertical
110.6110	-62.03	-13.00	49.03	Vertical
374.0762	-65.06	-13.00	52.06	Vertical
1183.6367	-63.61	-13.00	50.61	Vertical
2995.5991	-56.21	-13.00	43.21	Vertical
8790.9930	-53.42	-13.00	40.42	Vertical
41.4466	-62.80	-13.00	49.80	Horizontal
244.1382	-65.40	-13.00	52.40	Horizontal
986.1283	-52.97	-13.00	39.97	Horizontal
2701.1402	-56.09	-13.00	43.09	Horizontal
7465.1488	-55.04	-13.00	42.04	Horizontal
8776.3925	-53.60	-13.00	40.60	Horizontal

### 7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
115.2673	-62.81	-13.00	49.81	Vertical
555.9118	-63.01	-13.00	50.01	Vertical
1183.6367	-63.03	-13.00	50.03	Vertical



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2696.7393	-57.43	-13.00	44.43	Vertical
7385.3462	-54.63	-13.00	41.63	Vertical
8776.1925	-53.05	-13.00	40.05	Vertical
43.6777	-61.88	-13.00	48.88	Horizontal
241.1311	-64.69	-13.00	51.69	Horizontal
1179.2358	-63.34	-13.00	50.34	Horizontal
2696.3393	-56.12	-13.00	43.12	Horizontal
7464.1488	-55.03	-13.00	42.03	Horizontal
8737.9913	-53.36	-13.00	40.36	Horizontal

### 7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
104.3057	-62.15	-13.00	49.15	Vertical
460.2165	-64.22	-13.00	51.22	Vertical
1179.2358	-64.18	-13.00	51.18	Vertical
2595.1190	-58.14	-13.00	45.14	Vertical
7360.5454	-54.74	-13.00	41.74	Vertical
8607.3869	-53.33	-13.00	40.33	Vertical
39.4580	-62.28	-13.00	49.28	Horizontal
531.4181	-62.45	-13.00	49.45	Horizontal
1183.6367	-63.53	-13.00	50.53	Horizontal
2699.9400	-55.94	-13.00	42.94	Horizontal
7479.5493	-54.91	-13.00	41.91	Horizontal
8762.5921	-53.73	-13.00	40.73	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.



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## 8. Frequency Stability

### 8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	0.10	0.000121	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-5.50	-0.006634	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-3.00	-0.003619	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	2.00	0.002391	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	3.20	0.003825	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	2.30	0.002750	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-1.50	-0.001777	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-2.60	-0.003081	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-1.20	-0.001422	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VL	NT	-1.50	-0.001809	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VN	NT	1.10	0.001327	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VH	NT	0.50	0.000603	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VL	NT	-0.50	-0.000598	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VN	NT	-0.50	-0.000598	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VH	NT	2.10	0.002510	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VL	NT	-1.80	-0.002133	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VN	NT	-0.80	-0.000948	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VH	NT	-4.00	-0.004739	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	3.00	0.003619	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	2.80	0.003378	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	3.00	0.003619	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	3.80	0.004543	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	0.30	0.000359	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-1.20	-0.001435	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-2.70	-0.003199	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	0.30	0.000355	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-3.10	-0.003673	±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
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	-3.50	-0.004222	±2.5	PASS



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Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-5.00	-0.006031	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-0.10	-0.000121	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-1.20	-0.001448	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-3.30	-0.003981	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-3.60	-0.004343	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-3.00	-0.003619	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	3.60	0.004343	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	0.20	0.000239	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-0.10	-0.000120	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	3.90	0.004662	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	1.00	0.001195	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-1.40	-0.001674	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-2.30	-0.002750	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-3.70	-0.004423	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	3.20	0.003825	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-3.30	-0.003910	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	1.40	0.001659	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-1.80	-0.002133	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-3.20	-0.003791	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	3.20	0.003791	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	1.80	0.002133	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-2.30	-0.002725	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	0.10	0.000118	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-30	-2.00	-0.002413	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-20	-0.30	-0.000362	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	0	1.30	0.001568	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	10	-1.60	-0.001930	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	20	-4.30	-0.005187	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	30	4.10	0.004946	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	40	0.60	0.000724	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	50	-0.90	-0.001086	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-30	-4.50	-0.005380	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-20	-3.70	-0.004423	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	0	0.90	0.001076	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	10	2.90	0.003467	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	20	-1.30	-0.001554	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	30	-1.40	-0.001674	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	40	3.80	0.004543	±2.5	PASS



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Band5	10MHz	64QAM	20525	50RB#0	NV	50	3.50	0.004184	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-30	1.60	0.001896	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-20	-2.80	-0.003318	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	0	-3.60	-0.004265	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	10	-3.50	-0.004147	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	20	3.20	0.003791	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	30	2.70	0.003199	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	40	-2.90	-0.003436	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	50	-3.30	-0.003910	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	1.60	0.001930	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	2.40	0.002895	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	3.60	0.004343	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	1.20	0.001448	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	-0.30	-0.000362	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	2.70	0.003257	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	0.00	0.000000	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	-5.50	-0.006634	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-4.60	-0.005499	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	-2.40	-0.002869	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	0.00	0.000000	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	3.50	0.004184	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	1.20	0.001435	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-1.60	-0.001913	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	-4.30	-0.005140	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	-3.20	-0.003825	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	1.50	0.001777	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	2.10	0.002488	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-2.60	-0.003081	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	-5.10	-0.006043	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	2.70	0.003199	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	0.60	0.000711	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	1.70	0.002014	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	-2.90	-0.003436	±2.5	PASS



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