



# Appendix B

## E-UTRA Band 5



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# 1 Effective (Isotropic) Radiated Power

## 1.1. Test Result for Ant0

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.49	14.34	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.47	14.32	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.45	14.30	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.50	14.35	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#2	23.58	14.43	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.57	14.42	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.62	13.47	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.40	14.25	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.66	14.51	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.51	14.36	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.45	14.30	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#2	23.61	14.46	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.64	14.49	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.64	13.49	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.51	14.36	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.60	14.45	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.39	14.24	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.59	14.44	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#2	23.55	14.40	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.53	14.38	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.63	13.48	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	22.02	12.87	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	21.96	12.81	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	21.89	12.74	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	21.50	12.35	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#2	21.63	12.48	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	21.63	12.48	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	20.67	11.52	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	21.57	12.42	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	21.91	12.76	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	21.97	12.82	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	21.50	12.35	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#2	21.68	12.53	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	21.67	12.52	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.69	11.54	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.74	12.59	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	21.65	12.50	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.64	12.49	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	21.55	12.40	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#2	21.68	12.53	38.45	PASS



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Band5	1.4MHz	64QAM	20643	3RB#3	21.68	12.53	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.81	11.66	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.96	13.81	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.00	13.85	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.84	13.69	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.48	13.33	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#2	22.61	13.46	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.61	13.46	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.62	12.47	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.55	13.40	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.95	13.80	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.96	13.81	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.52	13.37	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#2	22.62	13.47	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.69	13.54	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.70	12.55	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.76	13.61	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.69	13.54	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.68	13.53	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.53	13.38	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#2	22.68	13.53	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.68	13.53	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.84	12.69	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.54	14.39	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#7	23.58	14.43	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.63	14.48	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.70	13.55	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.75	13.60	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.57	13.42	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.72	13.57	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.57	14.42	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#7	23.65	14.50	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.48	14.33	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.72	13.57	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.73	13.58	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.73	13.58	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.68	13.53	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.61	14.46	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#7	23.58	14.43	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.52	14.37	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.63	13.48	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.75	13.60	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.60	13.45	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.63	13.48	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	22.19	13.04	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#7	22.25	13.10	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	21.75	12.60	38.45	PASS



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Band5	3MHz	64QAM	20415	8RB#0	20.79	11.64	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	20.75	11.60	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	20.63	11.48	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	20.73	11.58	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	21.90	12.75	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#7	22.06	12.91	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	21.91	12.76	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	20.82	11.67	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	20.89	11.74	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	20.68	11.53	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	20.76	11.61	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	21.84	12.69	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#7	21.82	12.67	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	22.06	12.91	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	20.66	11.51	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	20.73	11.58	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	20.61	11.46	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.79	11.64	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.20	14.05	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#7	23.27	14.12	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.78	13.63	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.73	12.58	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.69	12.54	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.62	12.47	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.70	12.55	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.88	13.73	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#7	23.06	13.91	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.88	13.73	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.80	12.65	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.83	12.68	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.72	12.57	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.79	12.64	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.82	13.67	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#7	22.76	13.61	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.03	13.88	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.67	12.52	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.68	12.53	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.62	12.47	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.76	12.61	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.64	14.49	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#13	23.65	14.50	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.68	14.53	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.75	13.60	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.69	13.54	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.71	13.56	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.75	13.60	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.65	14.50	38.45	PASS



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Band5	5MHz	QPSK	20525	1RB#13	23.67	14.52	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.60	14.45	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.77	13.62	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.74	13.59	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.68	13.53	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.74	13.59	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.66	14.51	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#13	23.58	14.43	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.54	14.39	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.69	13.54	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.72	13.57	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.67	13.52	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.70	13.55	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	21.76	12.61	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#13	21.80	12.65	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	22.40	13.25	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	20.73	11.58	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	20.73	11.58	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	20.74	11.59	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	20.83	11.68	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	21.88	12.73	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#13	22.00	12.85	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	22.05	12.90	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	20.81	11.66	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	20.76	11.61	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	20.73	11.58	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.86	11.71	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	22.38	13.23	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#13	21.93	12.78	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	21.95	12.80	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	20.67	11.52	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	20.66	11.51	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	20.77	11.62	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.86	11.71	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.80	13.65	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#13	22.78	13.63	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	23.38	14.23	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.67	12.52	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.76	12.61	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.73	12.58	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.79	12.64	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.92	13.77	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#13	22.97	13.82	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.01	13.86	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.80	12.65	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.70	12.55	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.68	12.53	38.45	PASS



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Band5	5MHz	16QAM	20525	25RB#0	21.80	12.65	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.38	14.23	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#13	22.93	13.78	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.91	13.76	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.61	12.46	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.62	12.47	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.71	12.56	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.80	12.65	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.60	14.45	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.63	14.48	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.70	14.55	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.71	13.56	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.74	13.59	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.69	13.54	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.71	13.56	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.69	14.54	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.66	14.51	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.56	14.41	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.73	13.58	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.79	13.64	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.69	13.54	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.72	13.57	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.50	14.35	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.57	14.42	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.43	14.28	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.65	13.50	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.68	13.53	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.72	13.57	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.80	13.65	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	21.75	12.60	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	21.82	12.67	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.87	12.72	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	20.64	11.49	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	20.76	11.61	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	20.71	11.56	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	20.77	11.62	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	21.97	12.82	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	21.90	12.75	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.75	12.60	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	20.71	11.56	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	20.76	11.61	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	20.78	11.63	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.69	11.54	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	21.87	12.72	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	21.84	12.69	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	21.82	12.67	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	20.65	11.50	38.45	PASS



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Band5	10MHz	64QAM	20600	25RB#12	20.79	11.64	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	20.76	11.61	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.83	11.68	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.74	13.59	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.86	13.71	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.83	13.68	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.60	12.45	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.80	12.65	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.73	12.58	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.74	12.59	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.96	13.81	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.91	13.76	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.78	13.63	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.71	12.56	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.79	12.64	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.77	12.62	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.71	12.56	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.84	13.69	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.88	13.73	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.78	13.63	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.66	12.51	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.78	12.63	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.73	12.58	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.78	12.63	38.45	PASS

## 1.2. Test Result for Ant1

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.78	18.23	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.80	18.25	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.79	18.24	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.74	18.19	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#2	23.88	18.33	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.82	18.27	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.89	17.34	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.74	18.19	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.90	18.35	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.77	18.22	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.90	18.35	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#2	23.86	18.31	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.89	18.34	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.93	17.38	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.86	18.31	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.95	18.40	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.82	18.27	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.86	18.31	38.45	PASS



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Band5	1.4MHz	QPSK	20643	3RB#2	24.01	18.46	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.88	18.33	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.99	17.44	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	22.09	16.54	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	22.03	16.48	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	21.85	16.30	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	21.85	16.30	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#2	21.89	16.34	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	21.63	16.08	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	20.85	15.30	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	22.35	16.80	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	22.34	16.79	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	22.24	16.69	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	21.95	16.40	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#2	21.82	16.27	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	21.92	16.37	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.99	15.44	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.91	16.36	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	22.52	16.97	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.90	16.35	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	21.99	16.44	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#2	22.02	16.47	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	21.88	16.33	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.82	15.27	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.29	17.74	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.11	17.56	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.04	17.49	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.85	17.30	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#2	22.97	17.42	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.79	17.24	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.96	16.41	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.39	17.84	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.35	17.80	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.42	17.87	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.99	17.44	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#2	22.88	17.33	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	23.01	17.46	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.15	16.60	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.98	17.43	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.59	18.04	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.08	17.53	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	23.14	17.59	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#2	23.02	17.47	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.90	17.35	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.95	16.40	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.04	18.49	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#7	23.99	18.44	38.45	PASS



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Band5	3MHz	QPSK	20415	1RB#14	23.92	18.37	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.95	17.40	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.02	17.47	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.01	17.46	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.01	17.46	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	24.01	18.46	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#7	23.95	18.40	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.92	18.37	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	23.04	17.49	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	23.09	17.54	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	23.05	17.50	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.00	17.45	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	24.06	18.51	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#7	24.02	18.47	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.95	18.40	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.99	17.44	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	23.12	17.57	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.96	17.41	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	23.00	17.45	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	21.95	16.40	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#7	21.75	16.20	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	22.17	16.62	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	20.89	15.34	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	21.00	15.45	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	20.87	15.32	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	20.90	15.35	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	21.99	16.44	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#7	21.95	16.40	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	22.27	16.72	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	20.90	15.35	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	21.02	15.47	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	20.95	15.40	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	21.10	15.55	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	22.39	16.84	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#7	21.70	16.15	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	21.90	16.35	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	20.91	15.36	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	21.00	15.45	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	20.98	15.43	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.88	15.33	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.03	17.48	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#7	22.85	17.30	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.32	17.77	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.03	16.48	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.13	16.58	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.01	16.46	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.99	16.44	38.45	PASS



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Band5	3MHz	16QAM	20525	1RB#0	23.15	17.60	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#7	23.07	17.52	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.41	17.86	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.06	16.51	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.17	16.62	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.96	16.41	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.11	16.56	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.39	17.84	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#7	22.89	17.34	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.10	17.55	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.03	16.48	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.12	16.57	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.04	16.49	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.96	16.41	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.97	18.42	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#13	23.76	18.21	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.90	18.35	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	23.05	17.50	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.00	17.45	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.98	17.43	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.00	17.45	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	24.01	18.46	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#13	24.04	18.49	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.95	18.40	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	23.05	17.50	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	23.06	17.51	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.99	17.44	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.05	17.50	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.93	18.38	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#13	23.93	18.38	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.93	18.38	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	23.09	17.54	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	23.09	17.54	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.92	17.37	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	23.05	17.50	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	22.17	16.62	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#13	21.97	16.42	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	22.69	17.14	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	20.88	15.33	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	20.86	15.31	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	20.89	15.34	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	20.83	15.28	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	21.86	16.31	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#13	22.51	16.96	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	22.20	16.65	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	20.91	15.36	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	20.87	15.32	38.45	PASS



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Band5	5MHz	64QAM	20525	12RB#13	20.94	15.39	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.95	15.40	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	22.09	16.54	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#13	21.79	16.24	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	22.05	16.50	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	20.91	15.36	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	20.83	15.28	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	21.02	15.47	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.90	15.35	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.20	17.65	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#13	23.14	17.59	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	23.73	18.18	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.07	16.52	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	22.04	16.49	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	22.04	16.49	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.99	16.44	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.98	17.43	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#13	23.53	17.98	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.31	17.76	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.11	16.56	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.06	16.51	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.96	16.41	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.05	16.50	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.18	17.63	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#13	22.93	17.38	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.21	17.66	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	22.00	16.45	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.89	16.34	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	22.04	16.49	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.09	16.54	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.87	18.32	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	24.10	18.55	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.86	18.31	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.98	17.43	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.89	17.34	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.16	17.61	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.10	17.55	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	24.00	18.45	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.85	18.30	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	24.04	18.49	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.98	17.43	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.15	17.60	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.99	17.44	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.94	17.39	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	24.09	18.54	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.96	18.41	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	24.00	18.45	38.45	PASS



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Band5	10MHz	QPSK	20600	25RB#0	23.08	17.53	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	23.13	17.58	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.96	17.41	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	23.11	17.56	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	22.01	16.46	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	22.72	17.17	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.87	16.32	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	20.98	15.43	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	21.22	15.67	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	21.06	15.51	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	21.03	15.48	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	22.48	16.93	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	22.08	16.53	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.99	16.44	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	20.96	15.41	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	21.08	15.53	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	21.06	15.51	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.93	15.38	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	22.25	16.70	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	22.40	16.85	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	21.82	16.27	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	21.19	15.64	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	21.14	15.59	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	20.97	15.42	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.91	15.36	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.98	17.43	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.30	17.75	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.97	17.42	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.99	16.44	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	22.06	16.51	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	22.00	16.45	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.05	16.50	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.51	17.96	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.18	17.63	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.98	17.43	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.96	16.41	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.01	16.46	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.10	16.55	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.06	16.51	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.67	18.12	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.25	17.70	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.74	18.19	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.93	16.38	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.19	16.64	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.00	16.45	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.07	16.52	38.45	PASS



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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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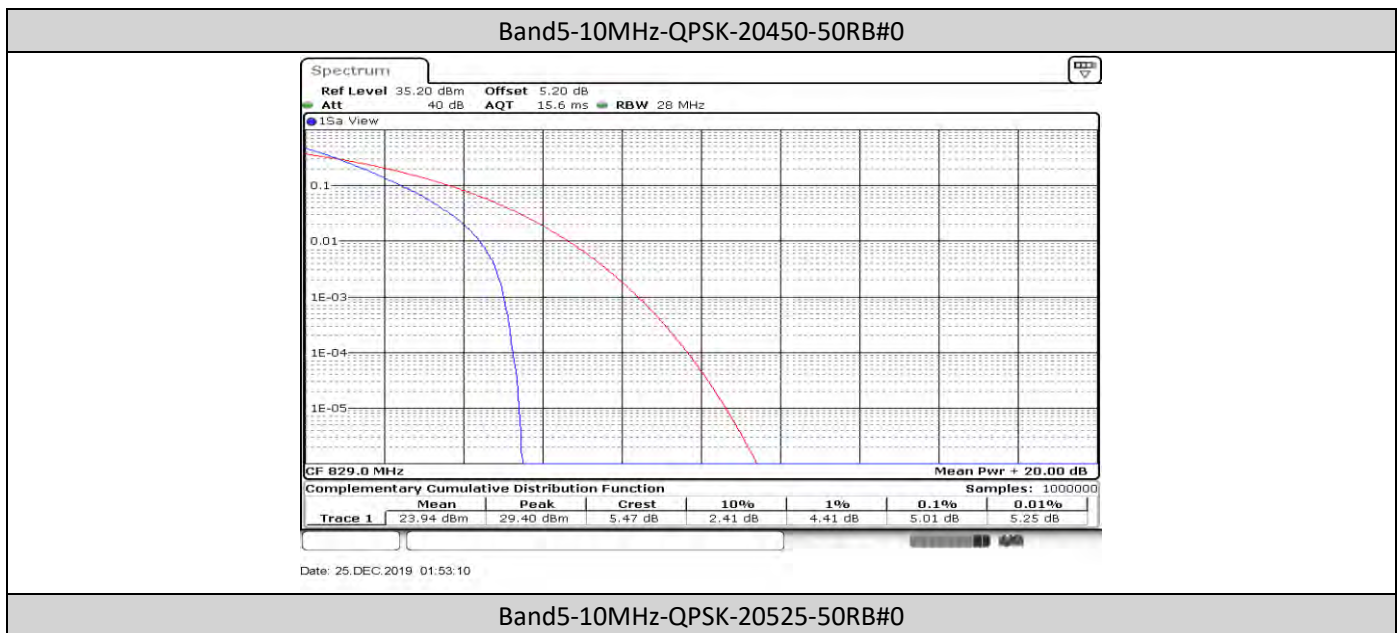


## 2. Peak-to-Average Ratio (CCDF)

### 2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	5.01	13.00	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.28	13.00	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.22	13.00	PASS
Band5	10MHz	64QAM	20450	50RB#0	6.03	13.00	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.12	13.00	PASS
Band5	10MHz	64QAM	20600	50RB#0	6.06	13.00	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.06	13.00	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.12	13.00	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.06	13.00	PASS

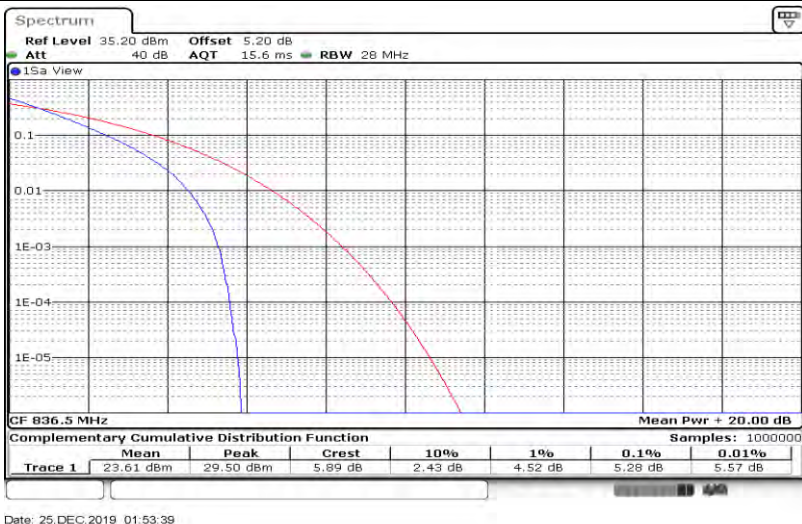
### 2.2. Test Plots



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Date: 25.DEC.2019 01:53:39

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



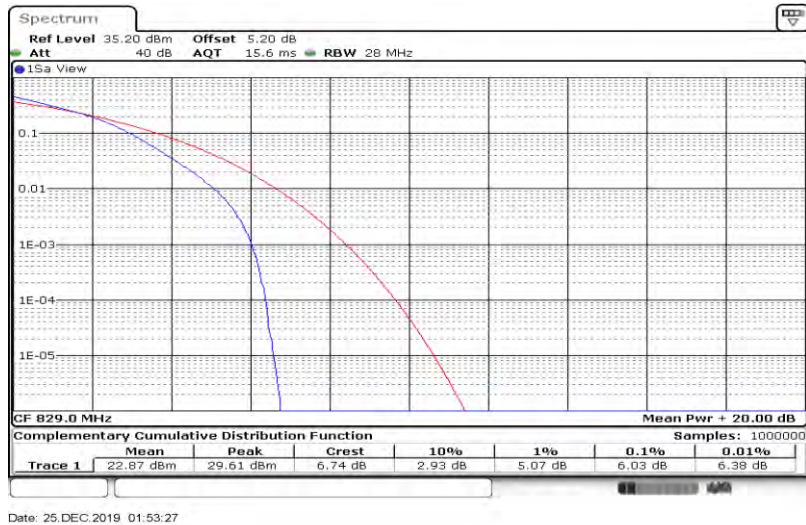
Date: 25.DEC.2019 01:54:08

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



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Date: 25.DEC.2019 01:53:27

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



Date: 25.DEC.2019 01:53:56

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



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Date: 25.DEC.2019 01:54:25

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



Date: 25.DEC.2019 01:53:18

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



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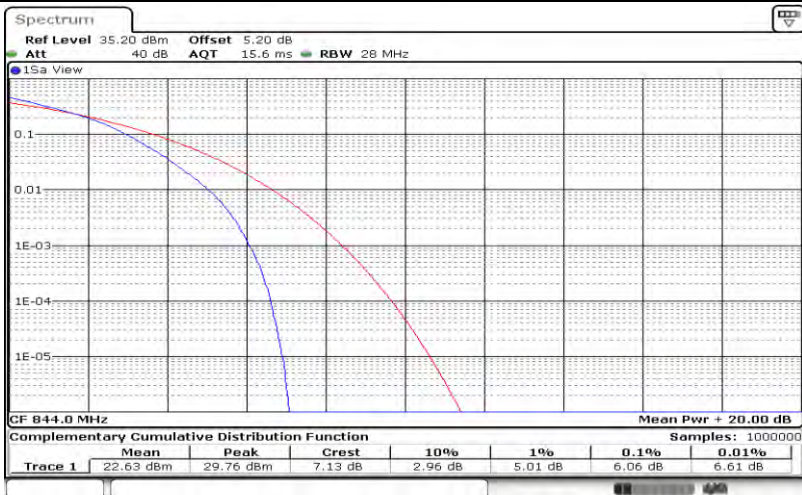
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Date: 25.DEC.2019 01:53:47

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



Date: 25.DEC.2019 01:54:17



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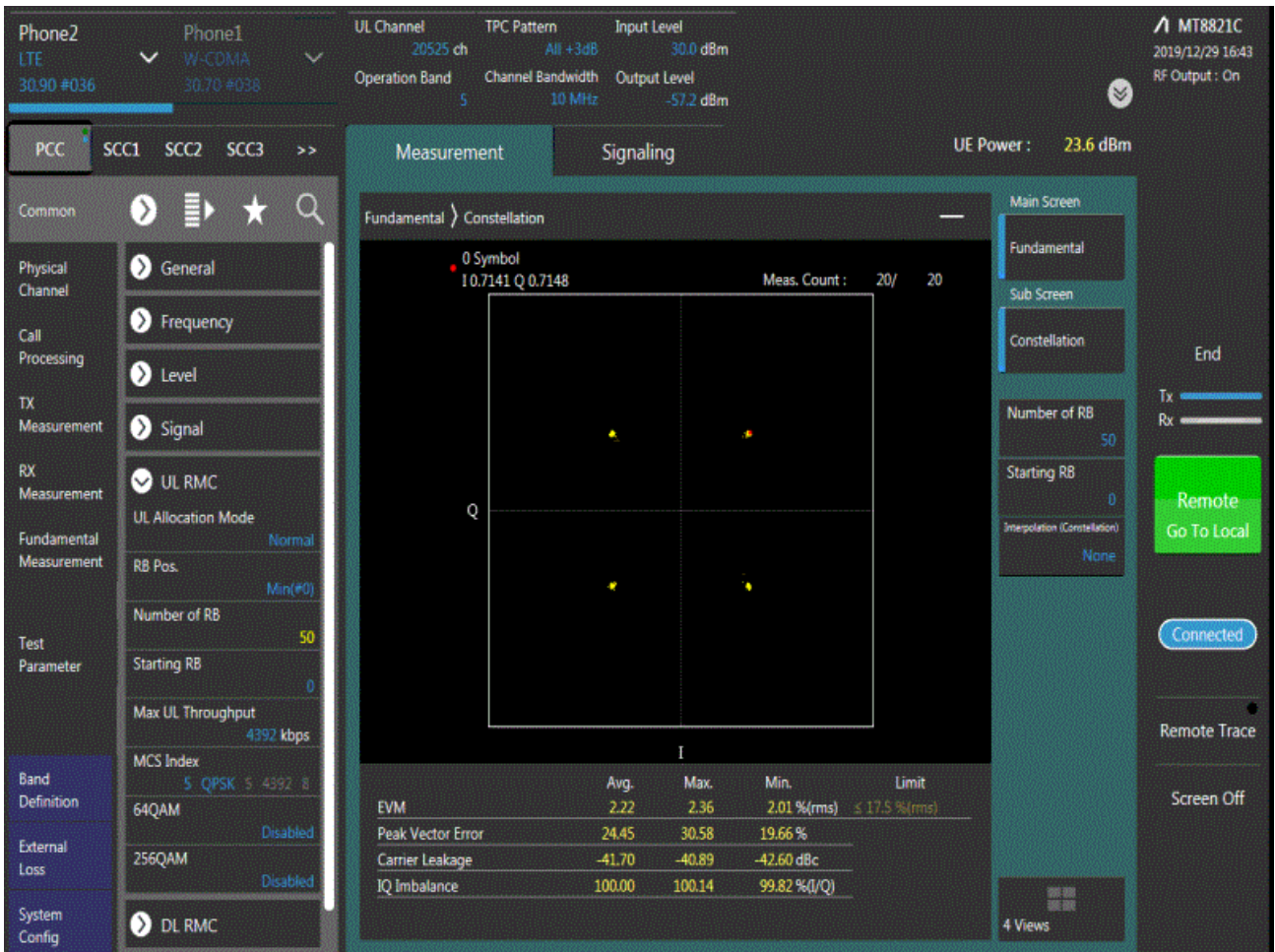
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### 3. Modulation Characteristics

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

##### 3.1.1. Test Channel = MCH



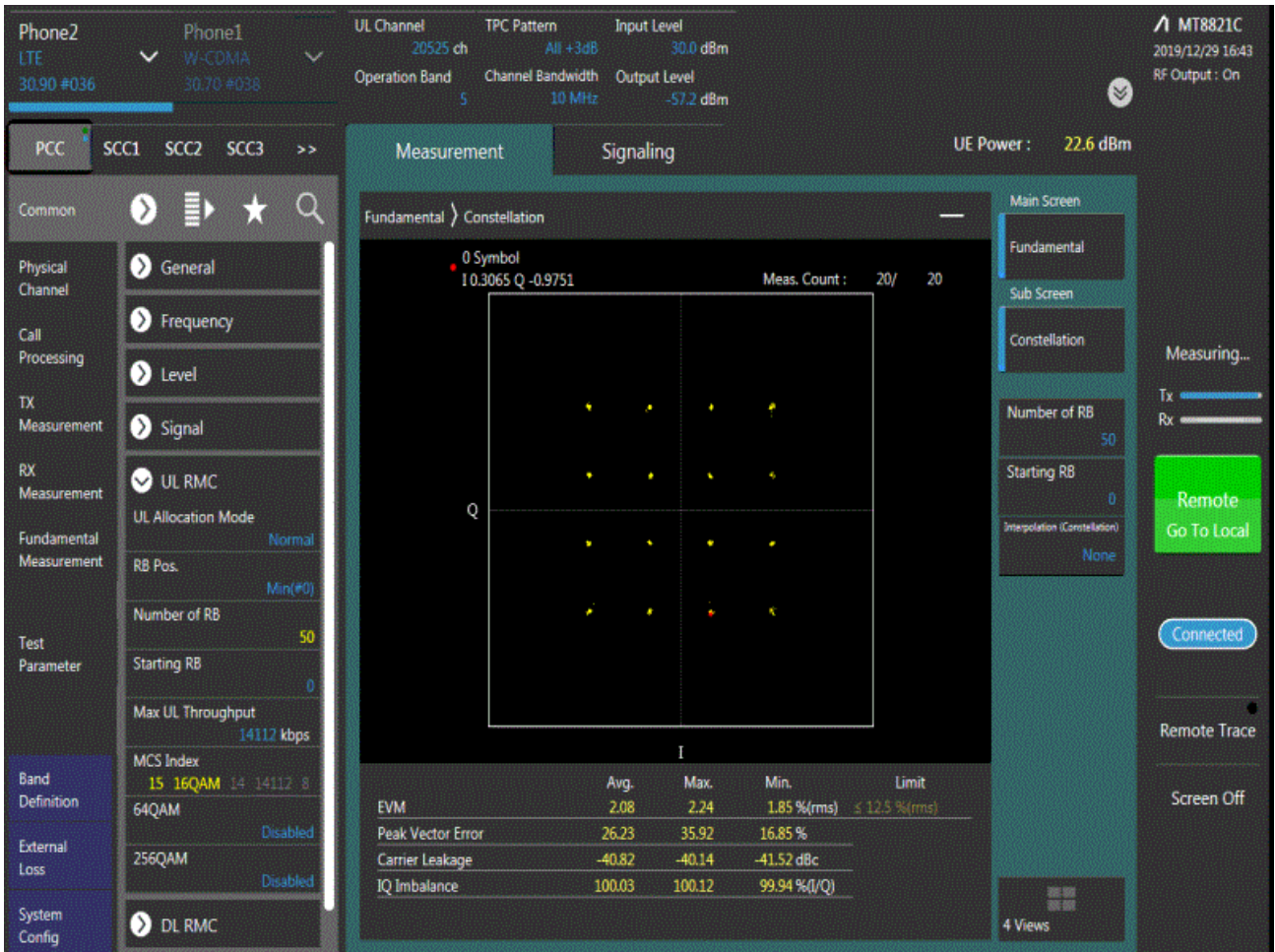
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### 3.2. Test Mode = LTE /TM2 10MHz

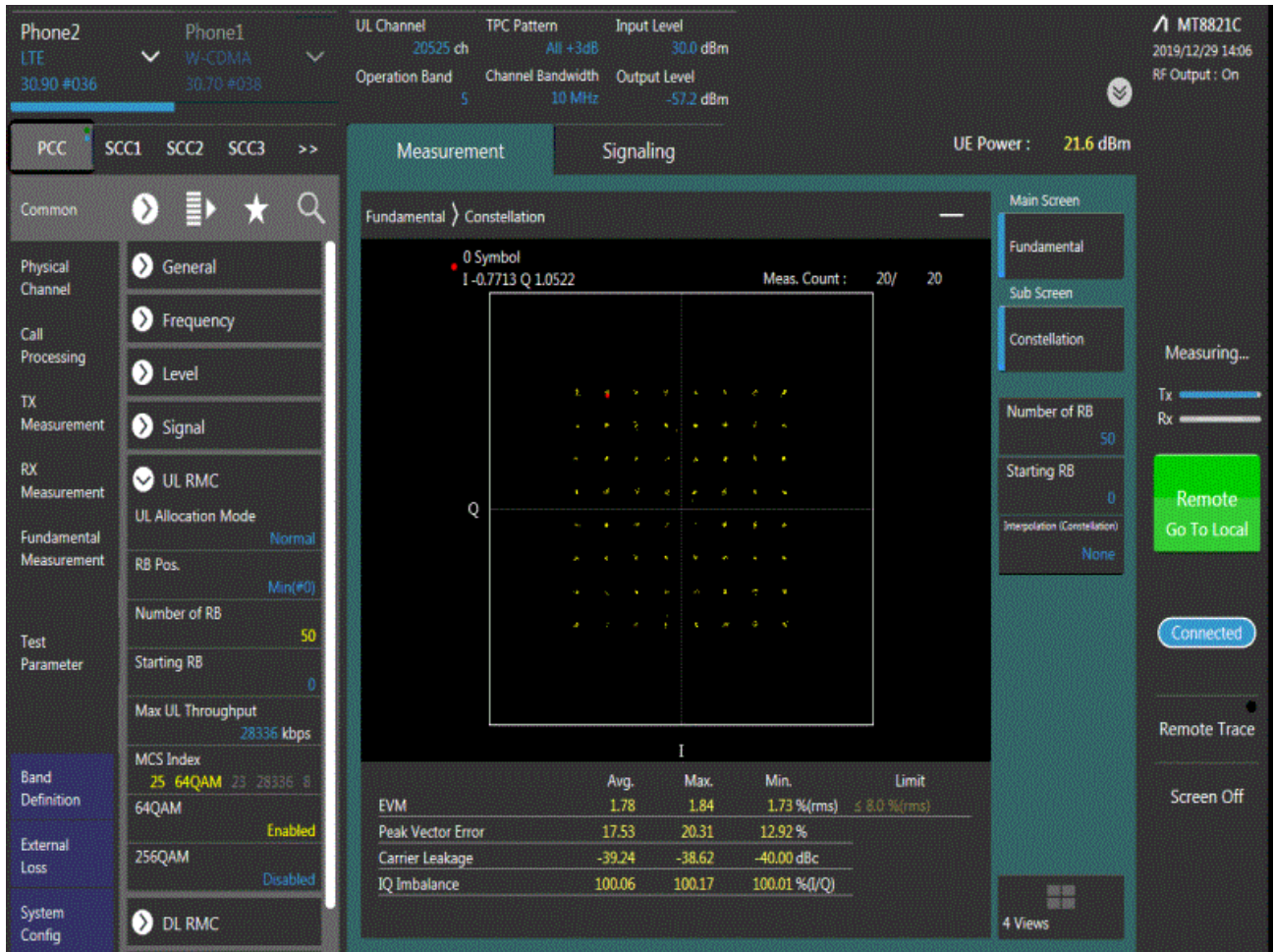
#### 3.2.1. Test Channel = MCH





### 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	1.091	1.248	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.091	1.242	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.091	1.251	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.094	1.251	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.091	1.242	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.088	1.233	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.088	1.236	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.094	1.248	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.088	1.233	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.697	2.982	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.697	3.000	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.703	2.994	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.691	3.006	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.691	3.012	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.691	3.006	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.697	3.024	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.691	3.018	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.691	3.000	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.476	4.910	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.466	4.900	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.486	4.900	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.466	4.910	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.486	4.920	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.466	4.840	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.466	4.830	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.476	4.940	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.476	4.900	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.911	9.660	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.951	9.760	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.911	9.680	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.931	9.620	PASS
Band5	10MHz	64QAM	20525	50RB#0	8.931	9.640	PASS



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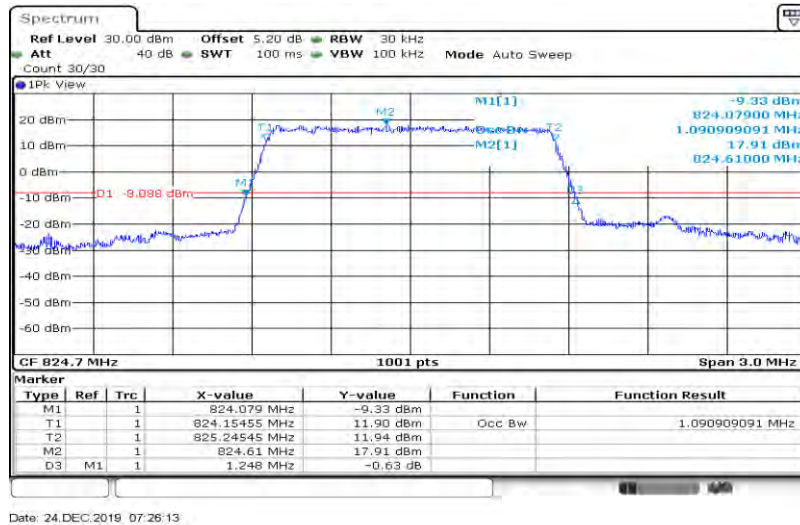
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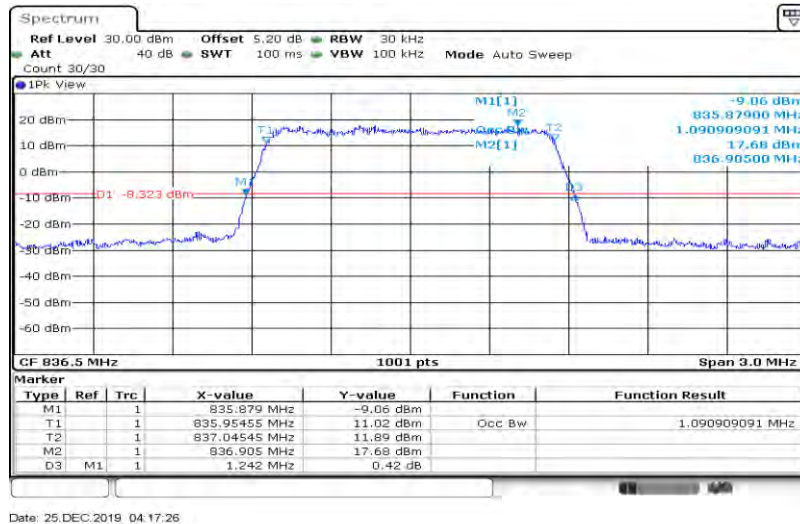
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Band5	10MHz	16QAM	20450	50RB#0	8.931	9.640	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.931	9.620	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.911	9.620	PASS

## 4.2. Test Plots

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



Band5-1.4MHz-QPSK-20525-6RB#0-2.97



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

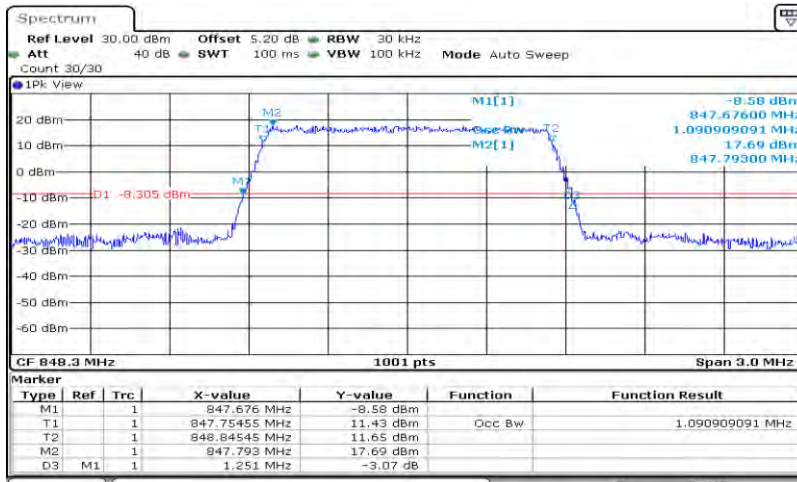


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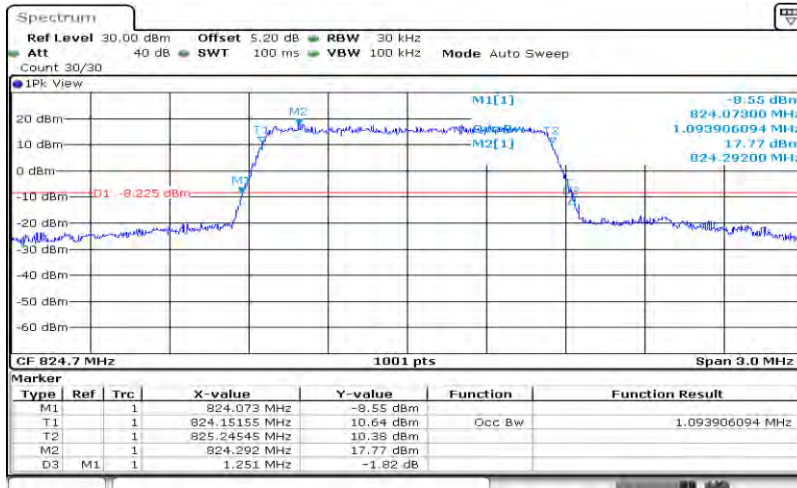
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Date: 24.DEC.2019 07:28:58

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



Date: 25.DEC.2019 04:17:13

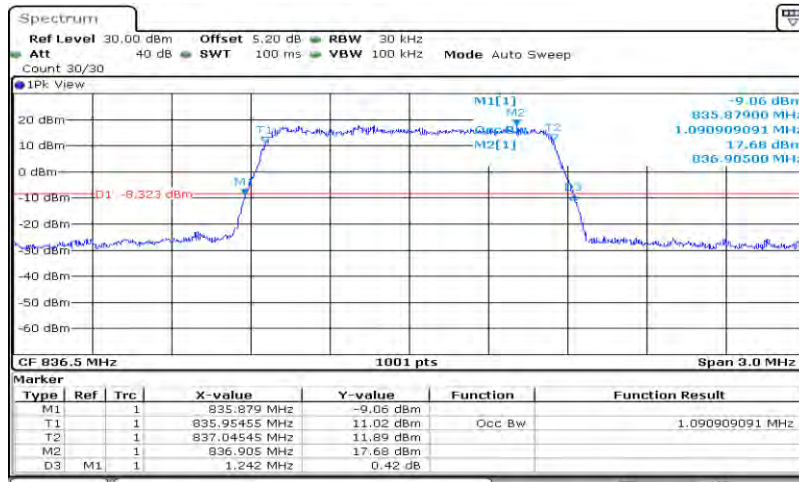
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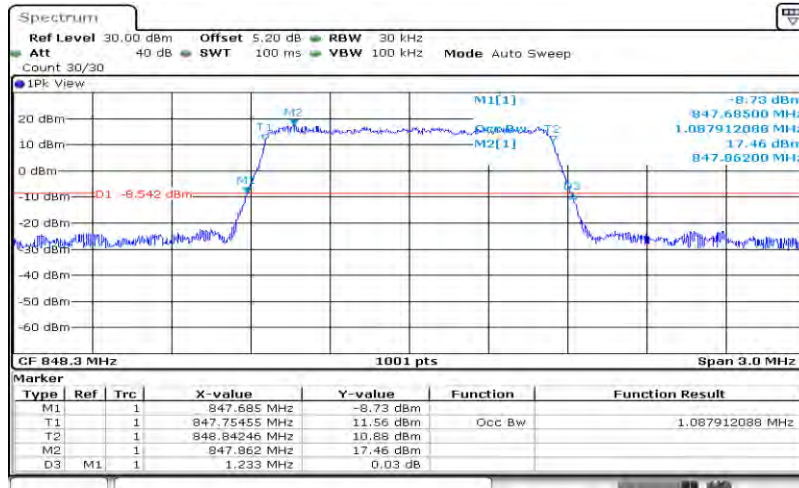
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Date: 25.DEC.2019 04:17:26

Band5-1.4MHz-64QAM-20643-6RB#0-1.088



Date: 25.DEC.2019 04:17:39

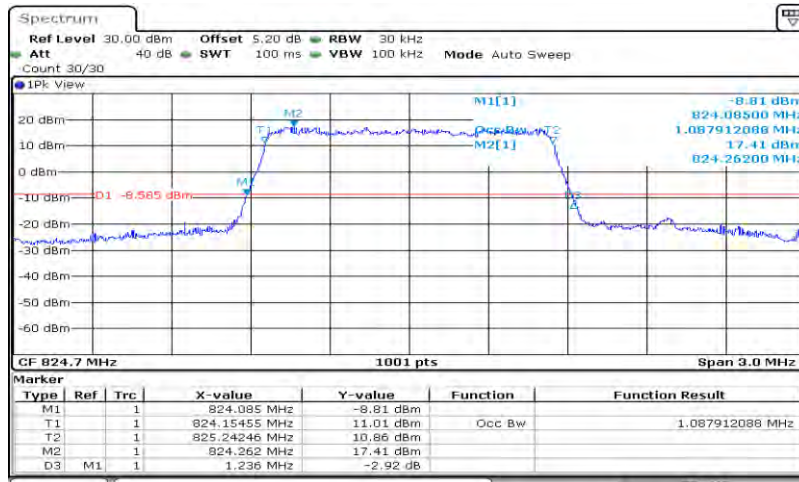
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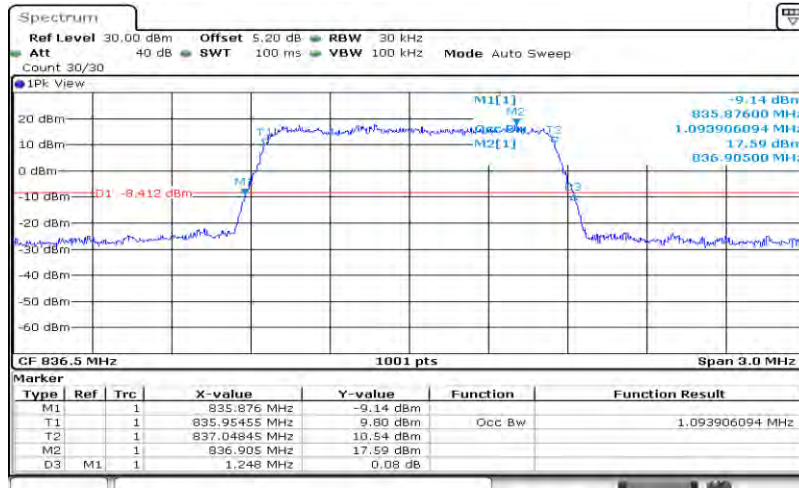
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Date: 24.DEC.2019 07:28:44

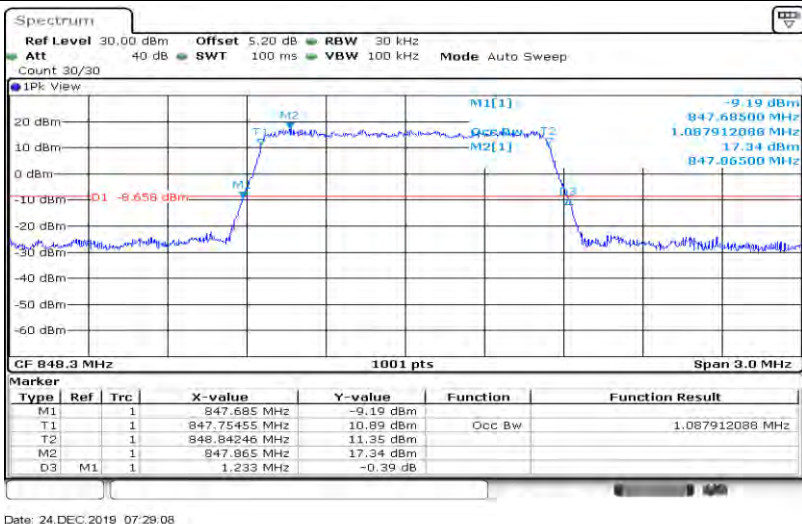
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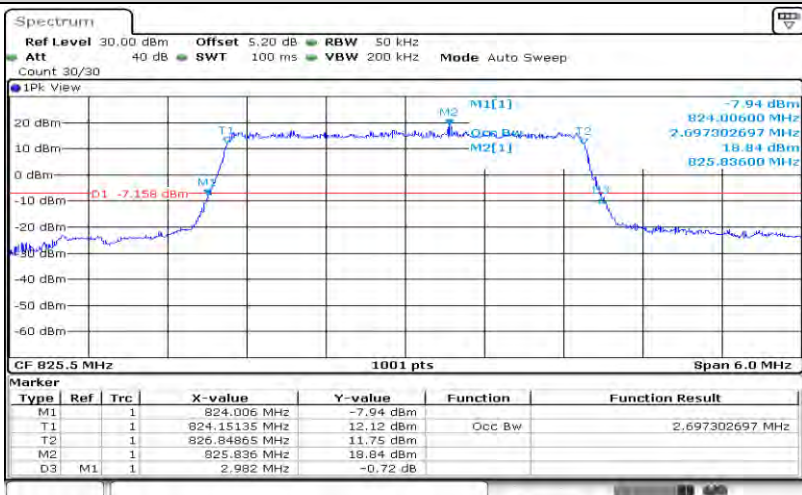
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Date: 24.DEC.2019 07:29:08

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



Date: 24.DEC.2019 07:30:10

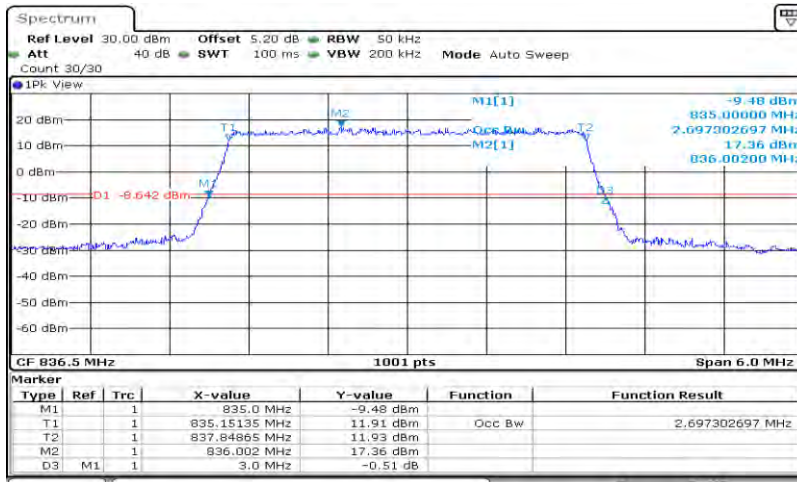
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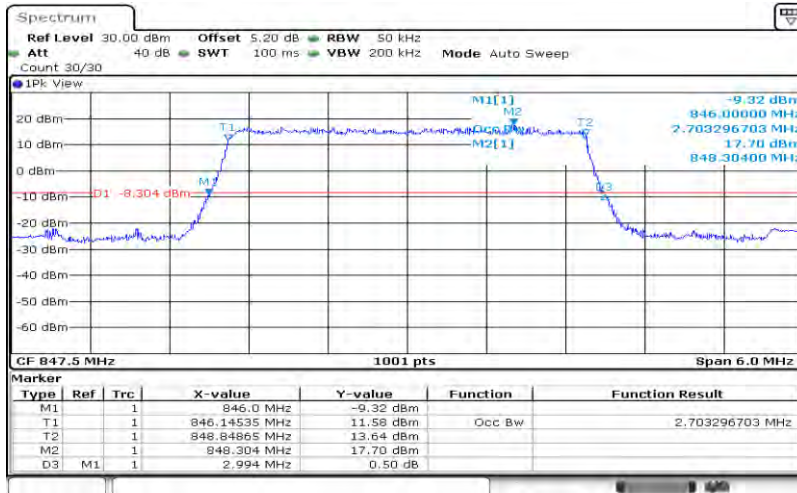
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Date: 24.DEC.2019 07:30:34

Band5-3MHz-QPSK-20635-15RB#0-2.703



Date: 24.DEC.2019 07:30:58

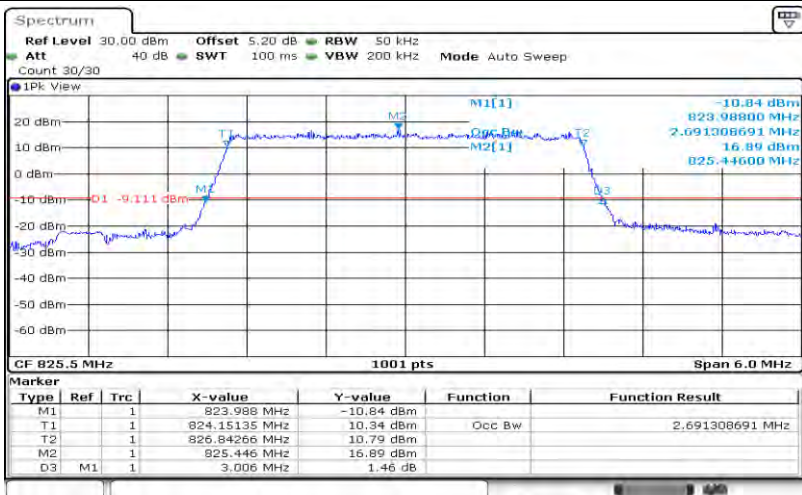
Band5-3MHz-64QAM-20415-15RB#0-2.691



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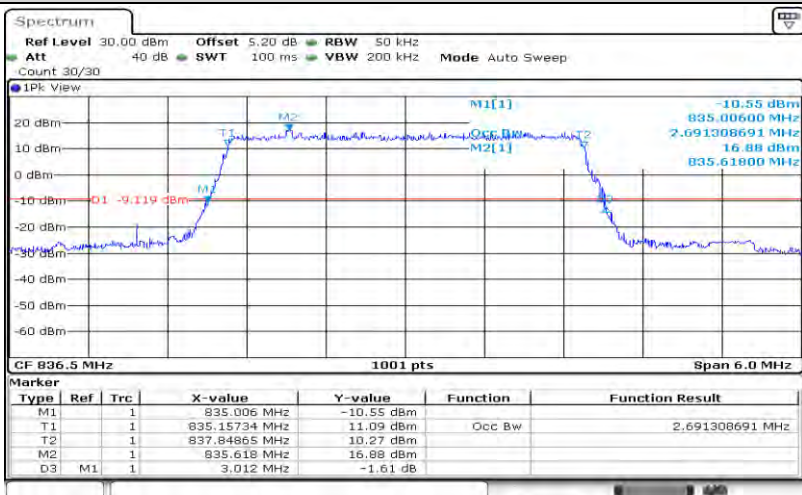
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Date: 25.DEC.2019 04:18:22

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

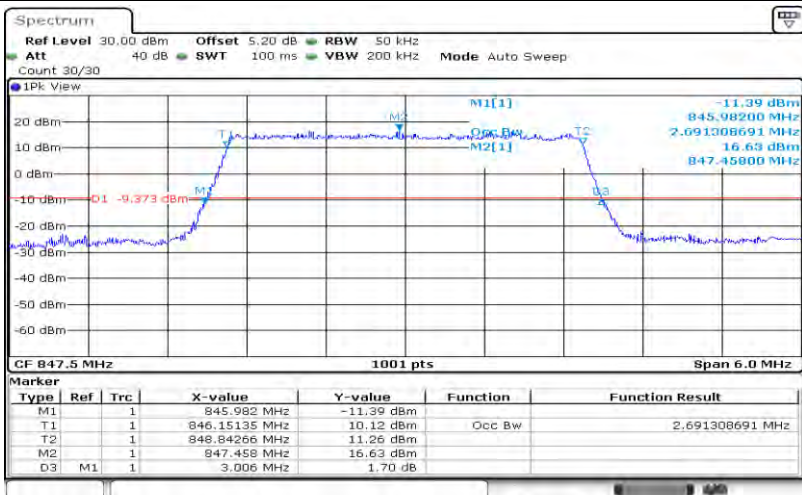


Date: 25.DEC.2019 04:19:50

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

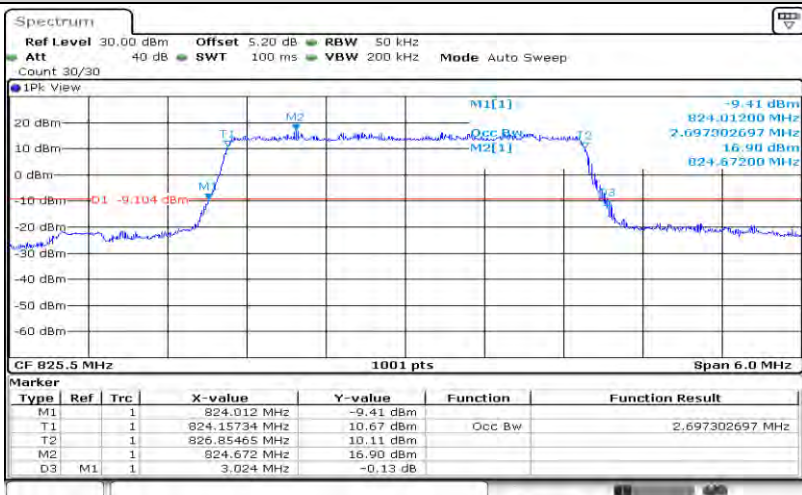


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Date: 25.DEC.2019 04:20:07

Band5-3MHz-16QAM-20415-15RB#0-2.697



Date: 24.DEC.2019 07:30:20

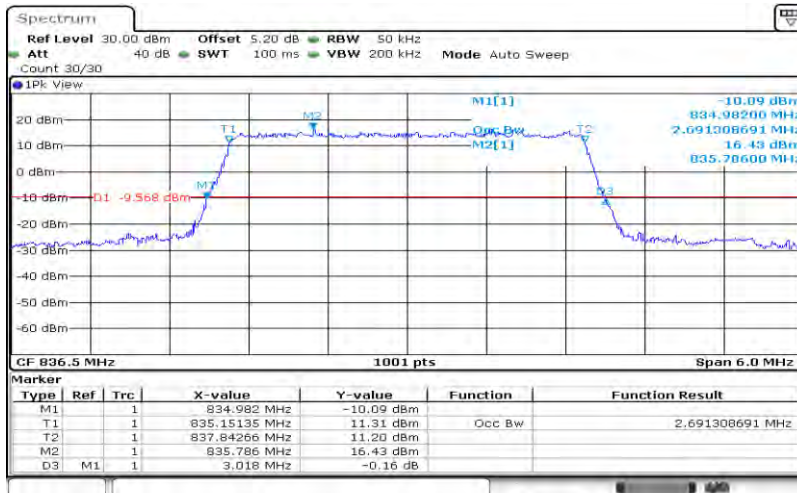
Band5-3MHz-16QAM-20525-15RB#0-2.691



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Date: 24.DEC.2019 07:30:44

Band5-3MHz-16QAM-20635-15RB#0-2.691



Date: 24.DEC.2019 07:31:08

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

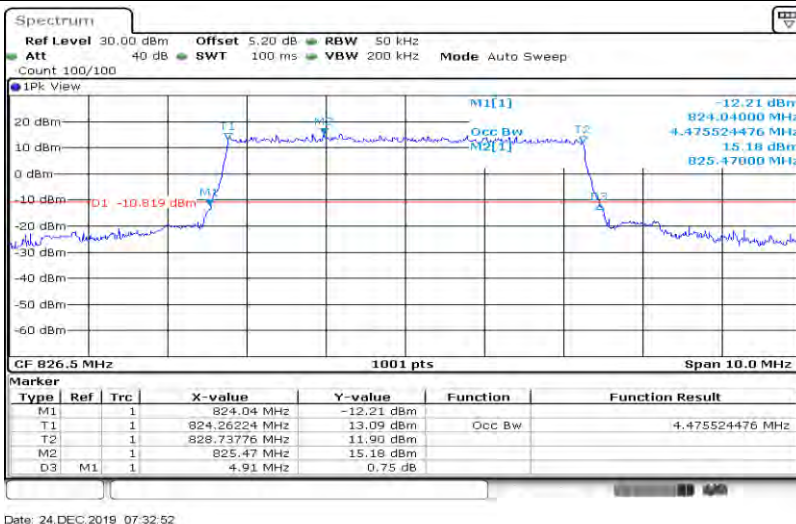


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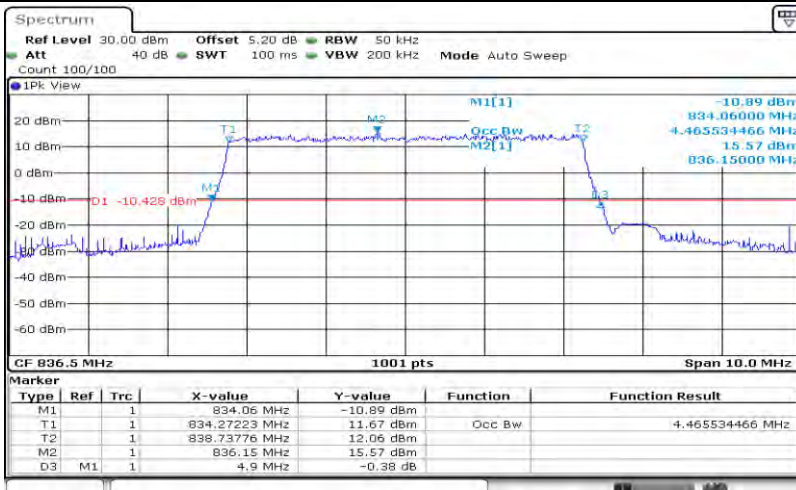
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Date: 24.DEC.2019 07:32:52

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



Date: 24.DEC.2019 07:33:30

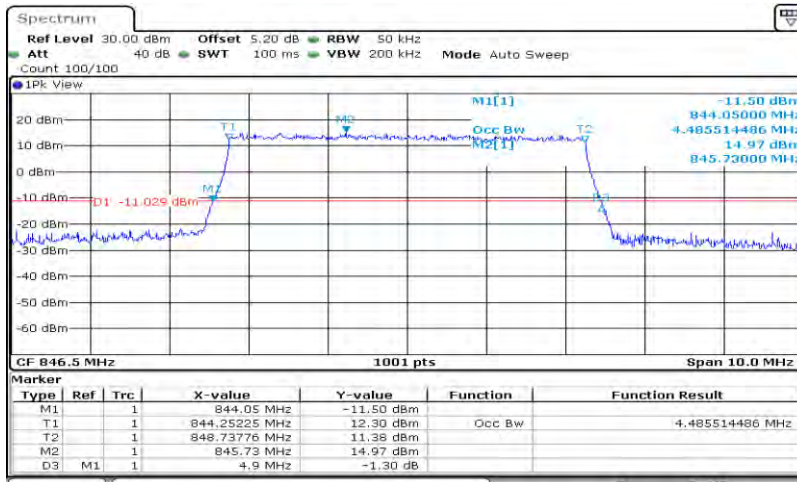
Band5-5MHz-QPSK-20625-25RB#0-4.486



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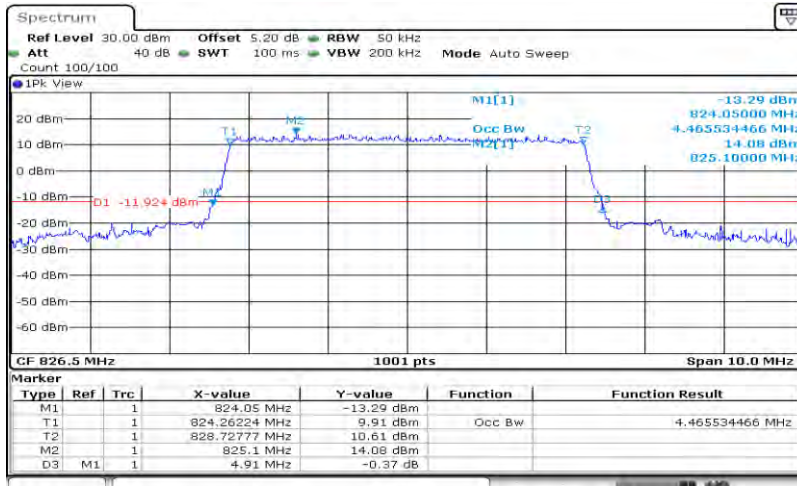
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Date: 24.DEC.2019 07:34:08

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



Date: 25.DEC.2019 04:21:23

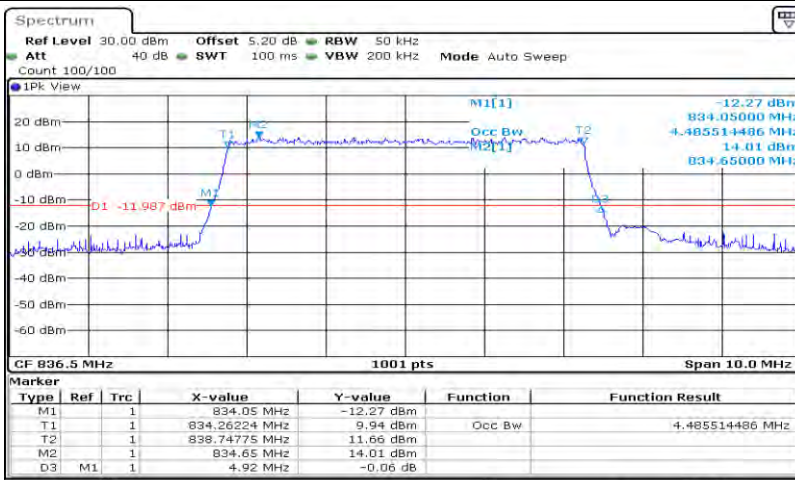
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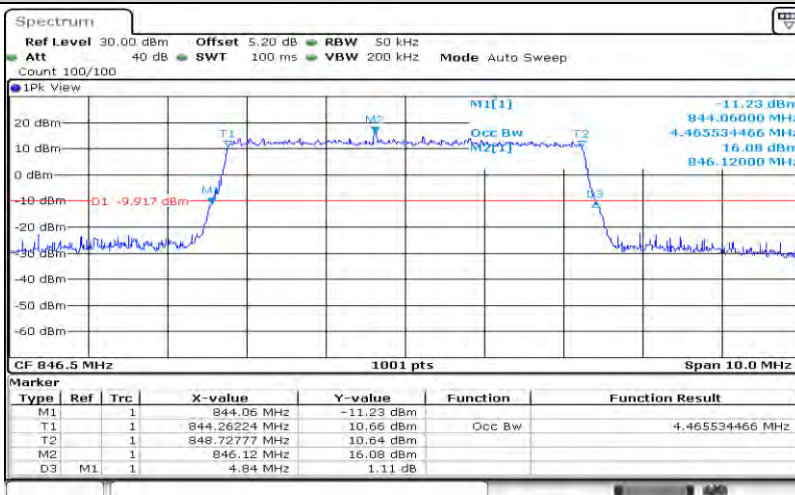
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Date: 25.DEC.2019 04:21:43

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



Date: 25.DEC.2019 04:22:03

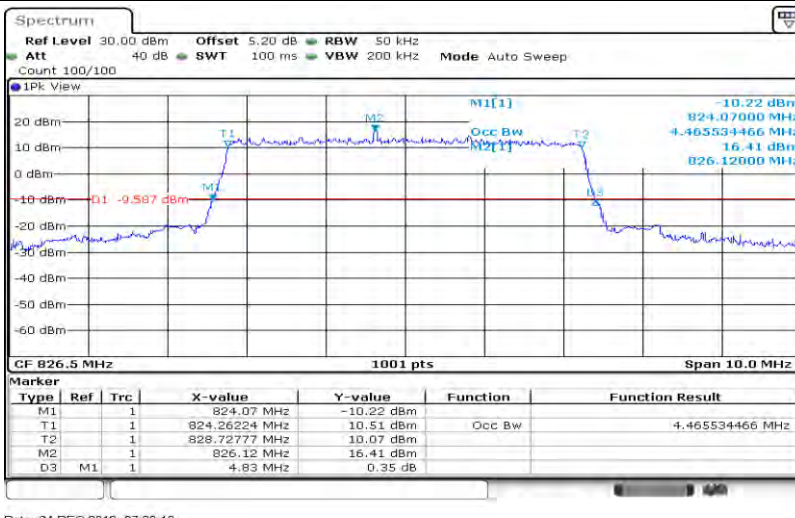
Band5-5MHz-16QAM-20425-25RB#0-4.466



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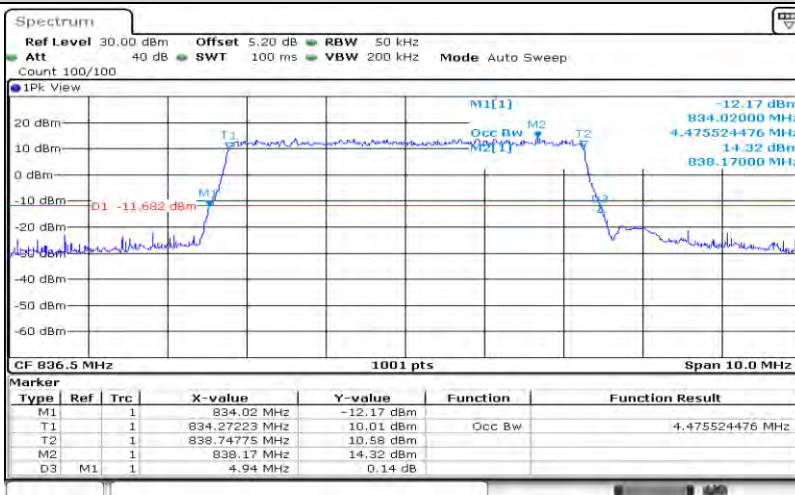
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Date: 24.DEC.2019 07:33:10

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



Date: 24.DEC.2019 07:33:47

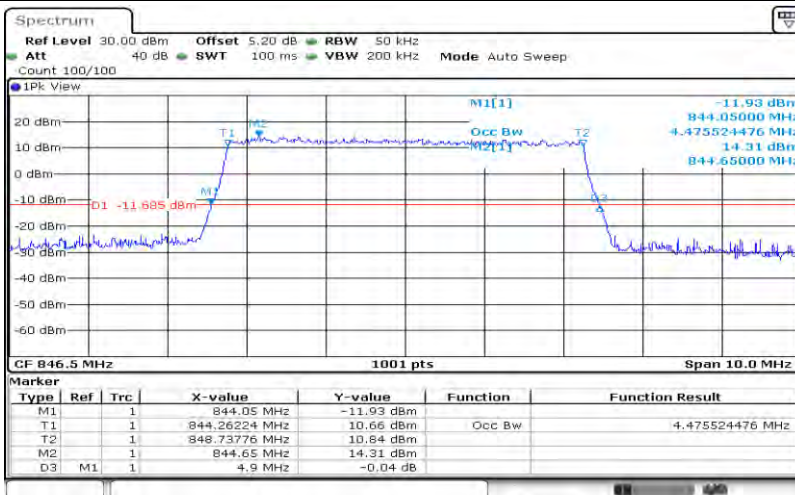
Band5-5MHz-16QAM-20625-25RB#0-4.476



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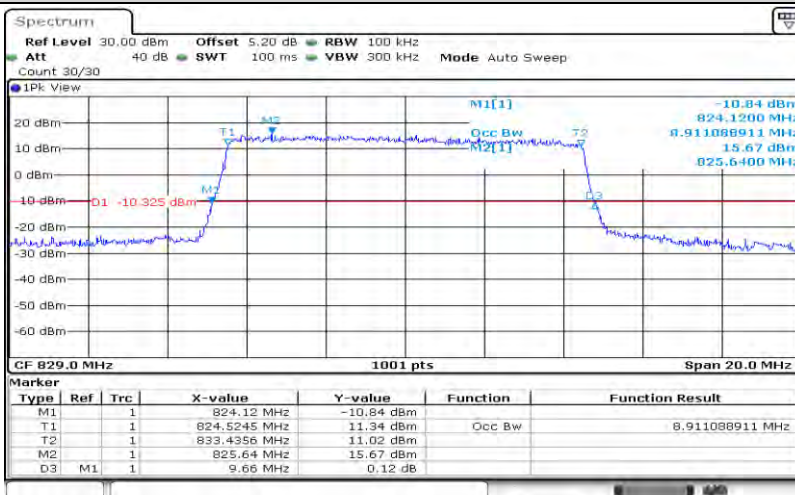
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Date: 24.DEC.2019 07:34:25

Band5-10MHz-QPSK-20450-50RB#0-8.911



Date: 24.DEC.2019 09:58:44

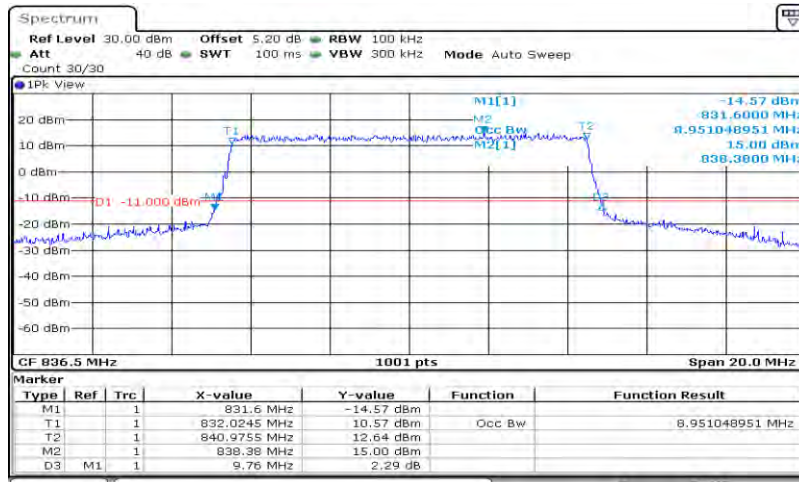
Band5-10MHz-QPSK-20525-50RB#0-8.951



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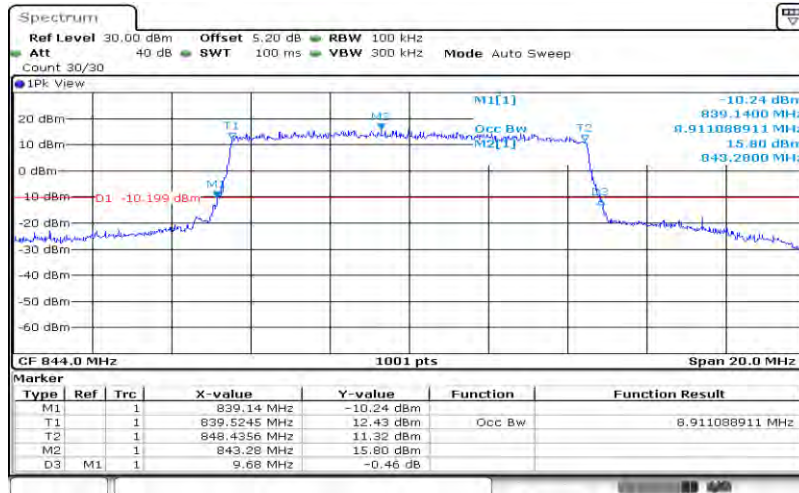
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Date: 24.DEC.2019 10:00:40

Band5-10MHz-QPSK-20600-50RB#0-8.911

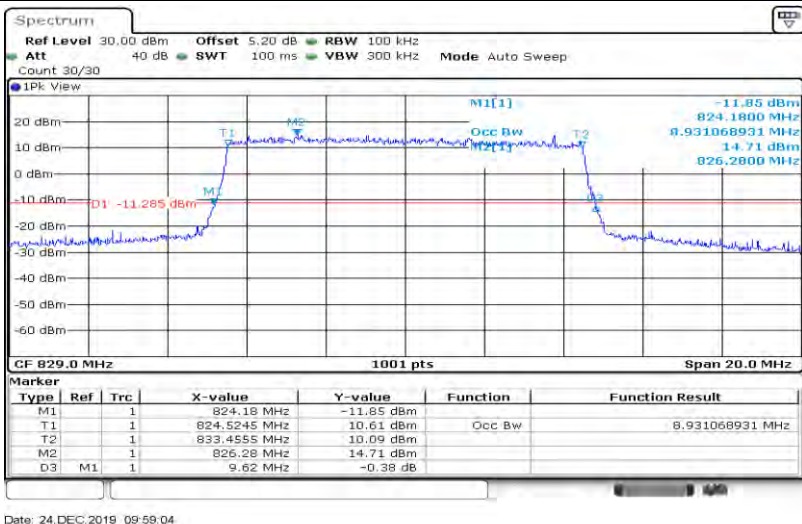


Date: 24.DEC.2019 10:01:15

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

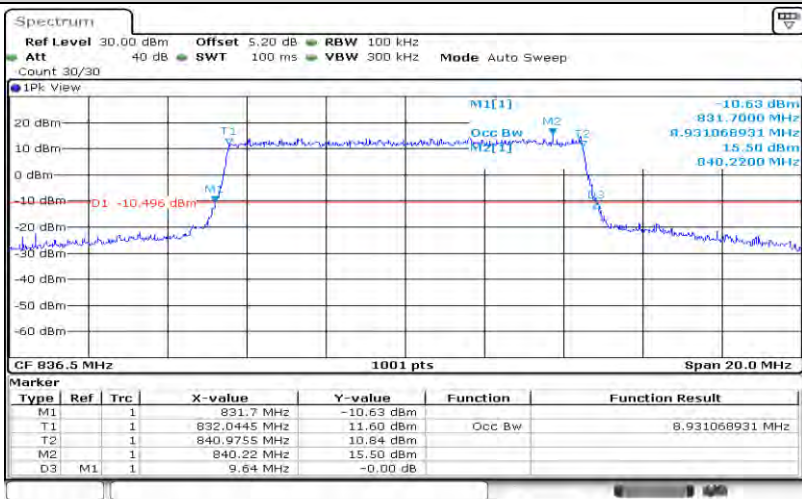


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Date: 24.DEC.2019 09:59:04

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

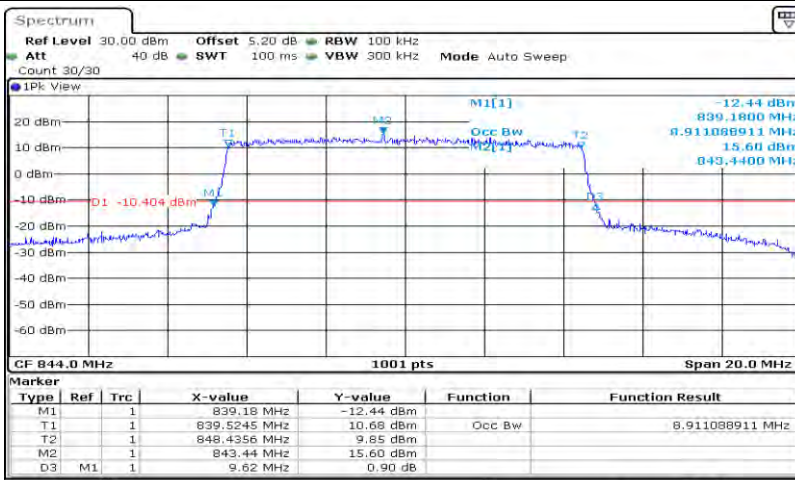


Date: 24.DEC.2019 10:01:01

Band5-10MHz-64QAM-20600-50RB#0-8.911

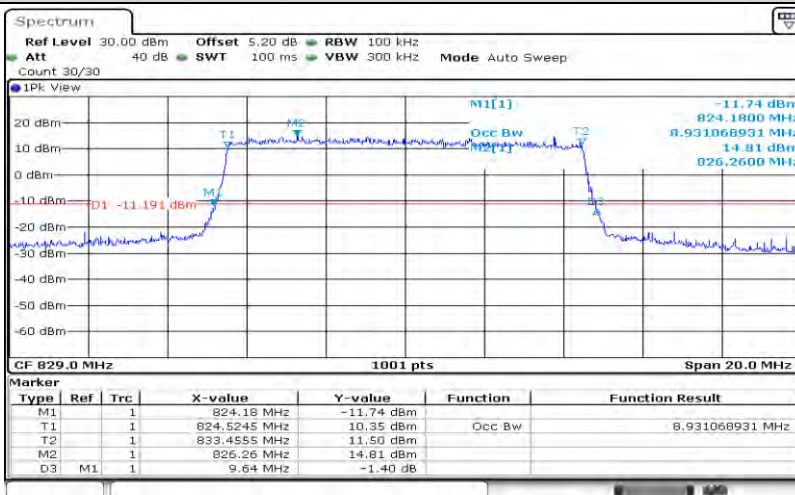


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Date: 24.DEC.2019 10:01:35

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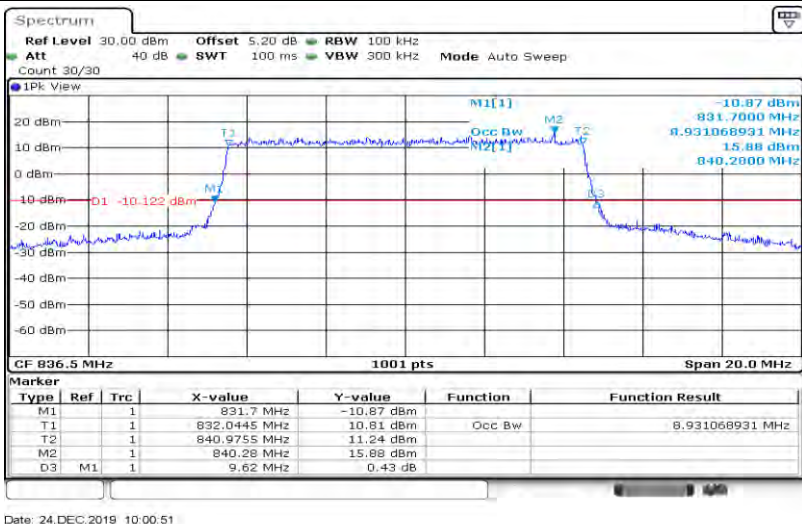
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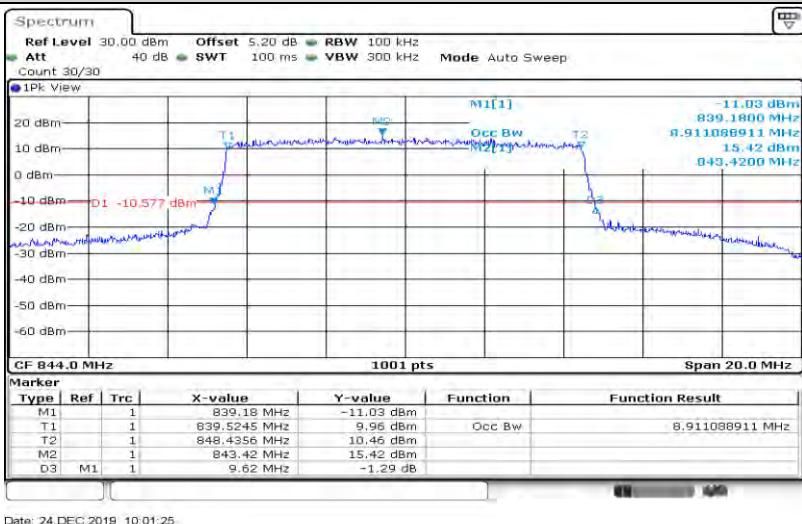


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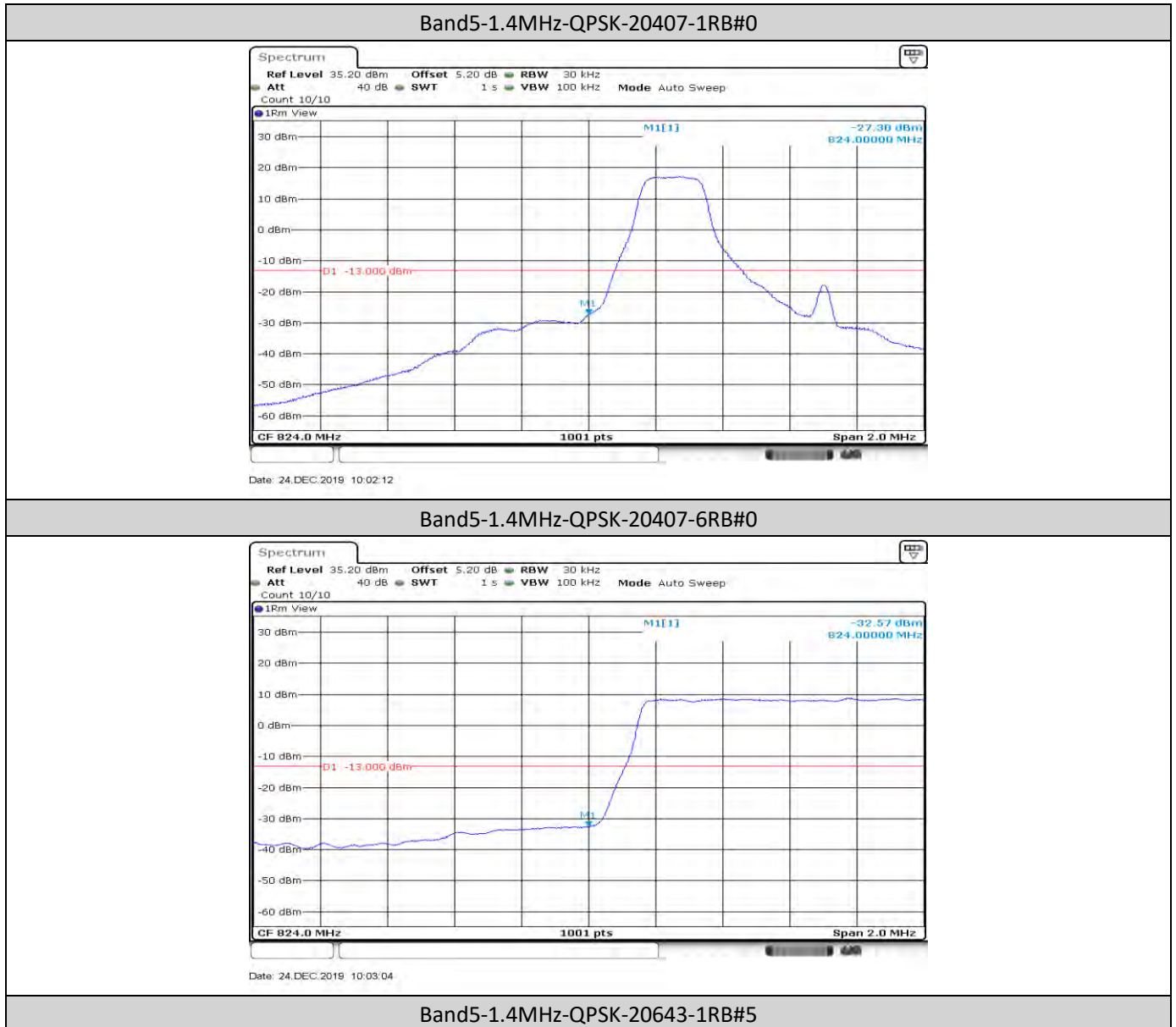
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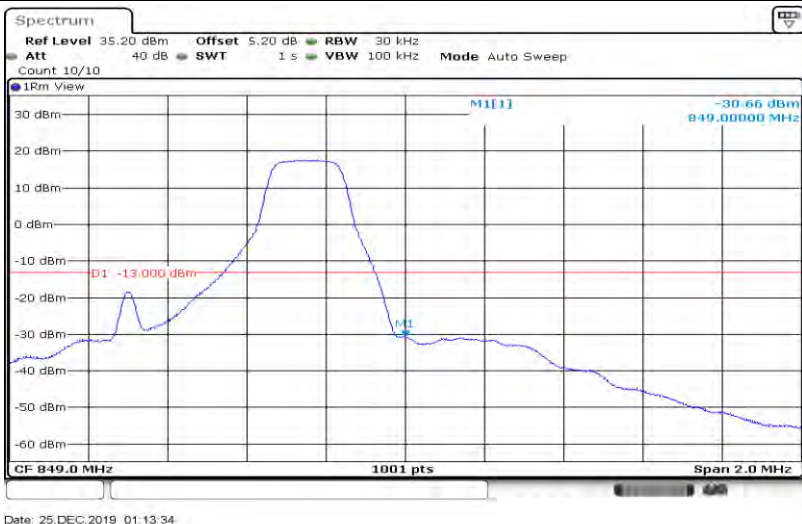


## 5. Band Edge Compliance

### 5.1. Test Plots



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



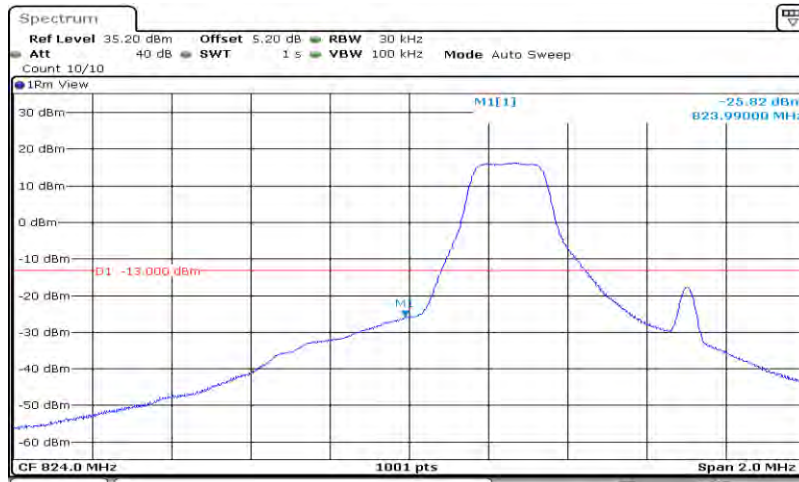
Band5-1.4MHz-64QAM-20407-1RB#0



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Date: 24.DEC.2019 10:02:47

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



Date: 24.DEC.2019 10:03:39

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



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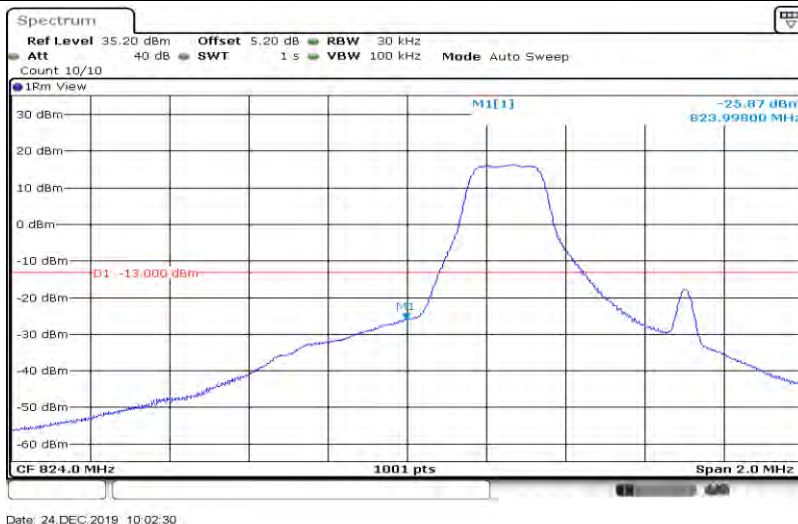
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Band5-1.4MHz-16QAM-20407-1RB#0



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



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



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Date: 25.DEC.2019 01:13:52

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



Date: 25.DEC.2019 01:14:44

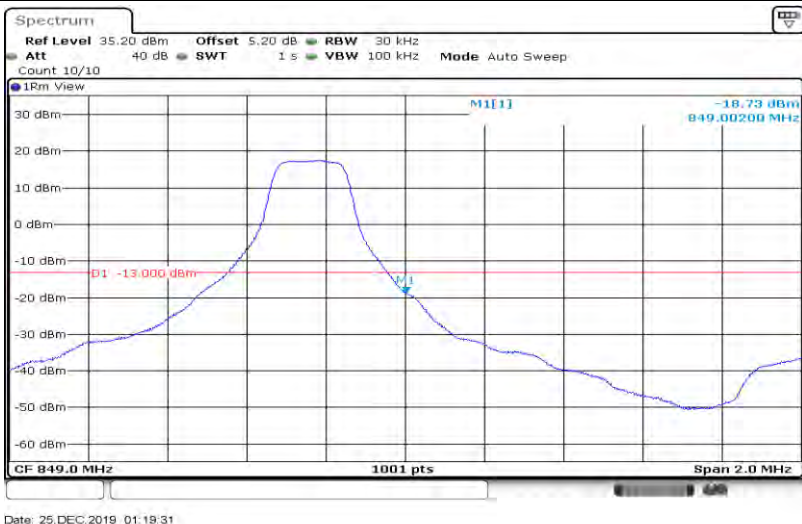
**Band5-3MHz-QPSK-20415-1RB#0**



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



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



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Date: 25.DEC.2019 01:18:14

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



Date: 25.DEC.2019 01:19:06

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



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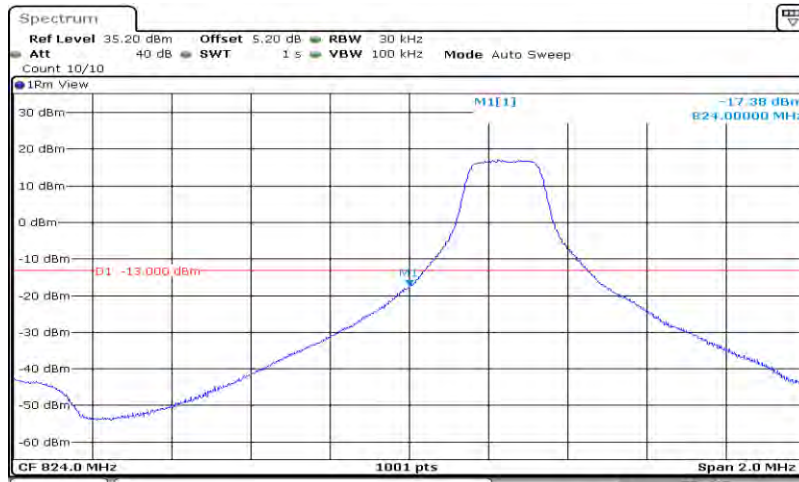
Band5-3MHz-64QAM-20635-15RB#0



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



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Date: 25.DEC.2019 01:17:57

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



Date: 25.DEC.2019 01:18:49

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



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Date: 25.DEC.2019 01:19:49

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



Date: 25.DEC.2019 01:20:41

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



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Date: 25.DEC.2019 01:23:47

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



Date: 25.DEC.2019 01:24:39

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



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



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Date: 25.DEC.2019 01:24:21

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



Date: 25.DEC.2019 01:25:14

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



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



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Date: 25.DEC.2019 01:24:04

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



Date: 25.DEC.2019 01:24:57

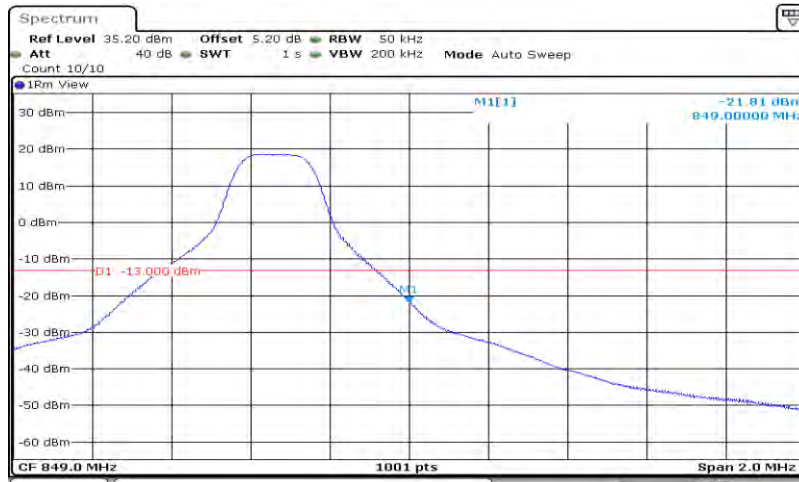
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Date: 25.DEC.2019 01:25:57

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



Date: 25.DEC.2019 01:26:49

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



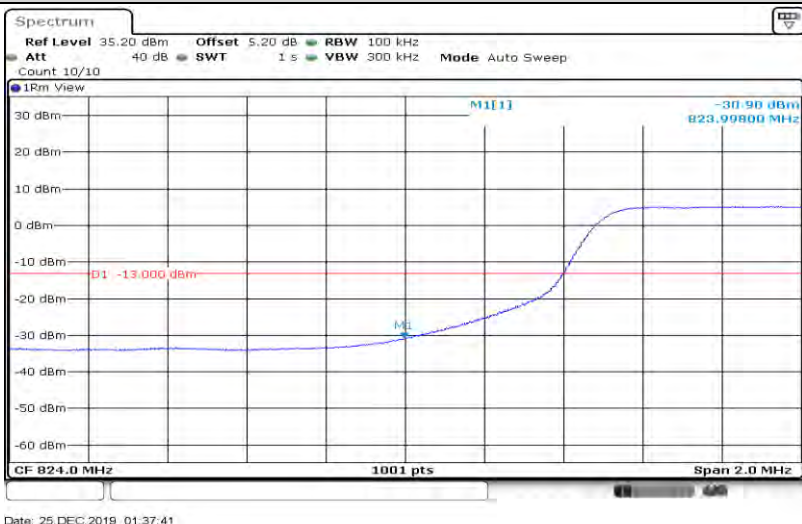
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Band5-10MHz-QPSK-20450-50RB#0



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



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



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



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



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



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Date: 25.DEC.2019 01:39:16

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

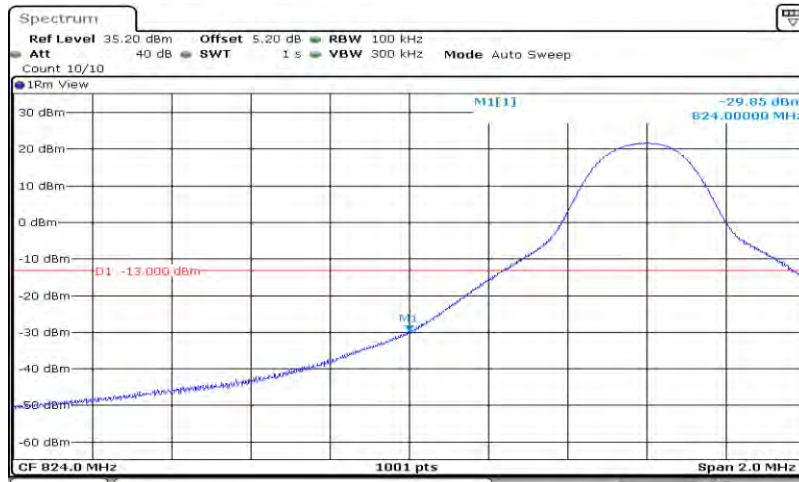


Date: 25.DEC.2019 01:40:09

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



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Date: 25.DEC.2019 01:37:06

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



Date: 25.DEC.2019 01:37:59

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



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Date: 25.DEC.2019 01:38:59

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



Date: 25.DEC.2019 01:38:52



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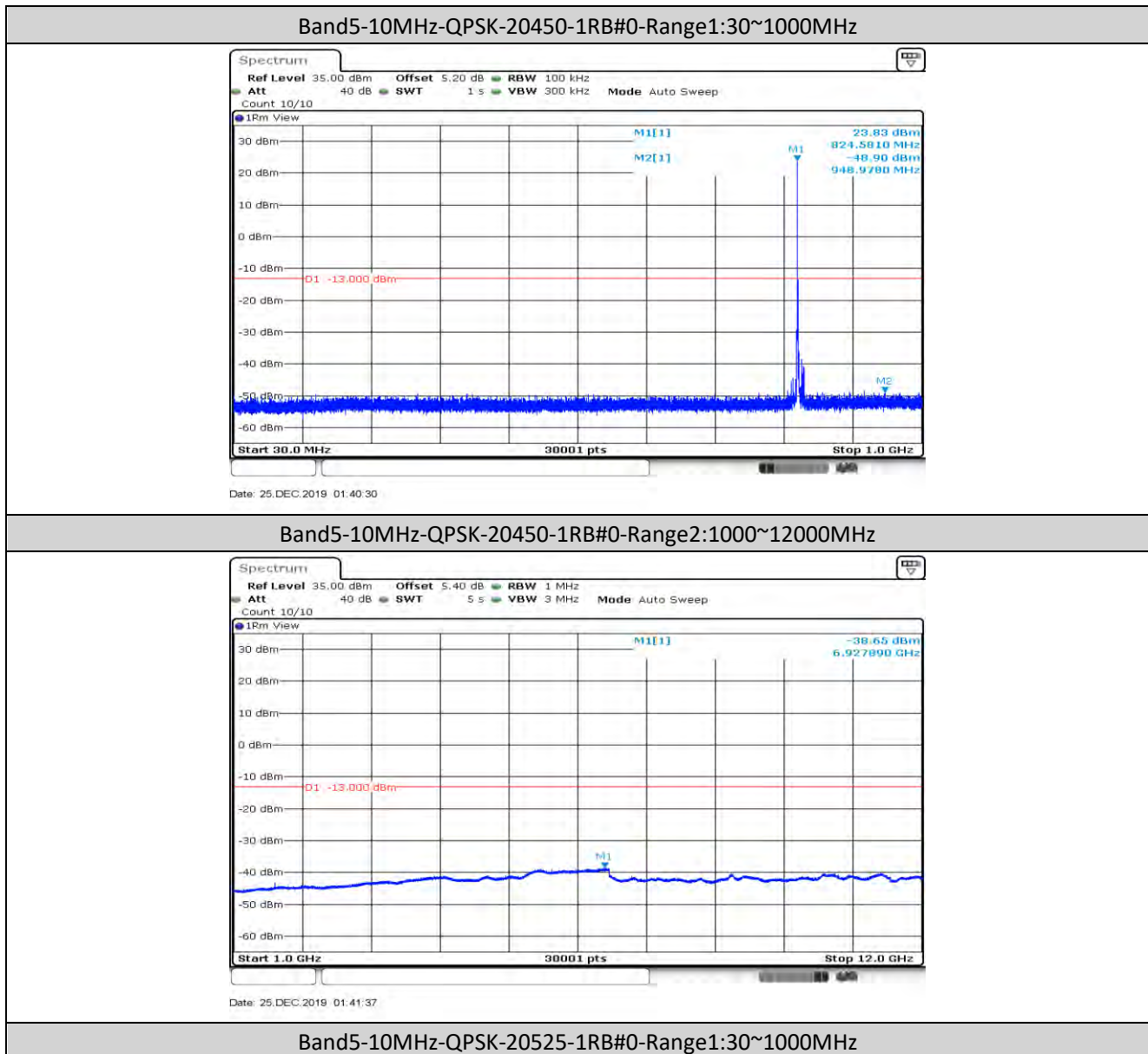
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## 6. Spurious Emission at Antenna Terminal

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

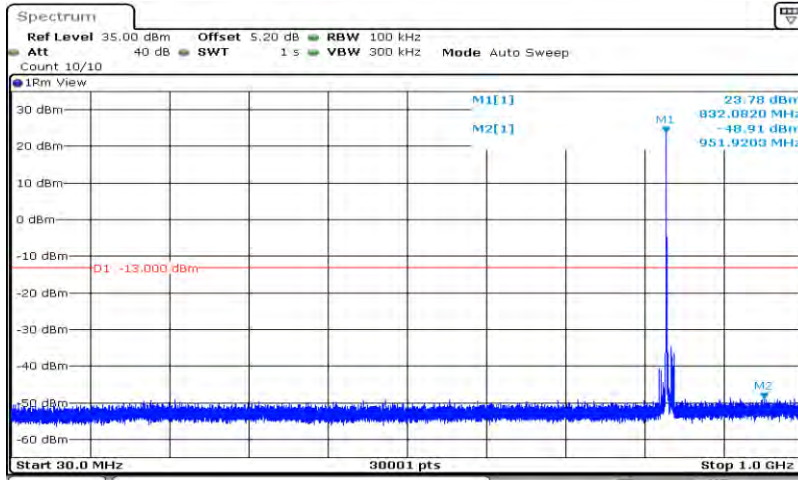
Remark2: only the worst case data displayed in this report.

### 6.1. Test Plots



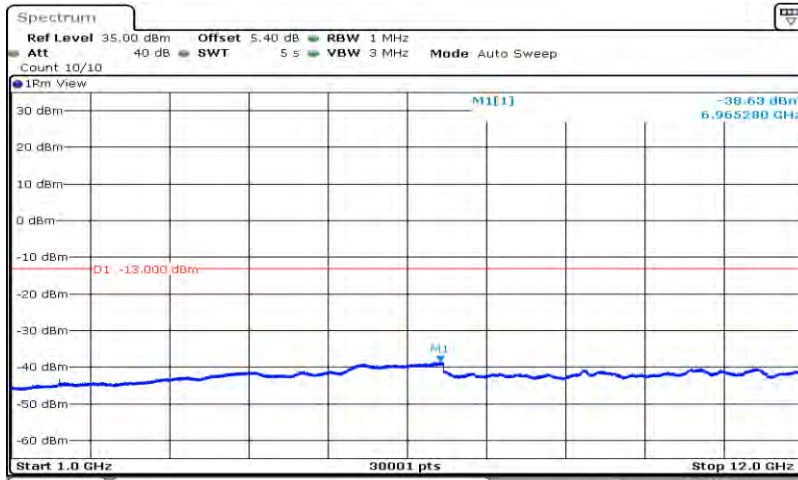
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Date: 25.DEC.2019 01:44:46

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

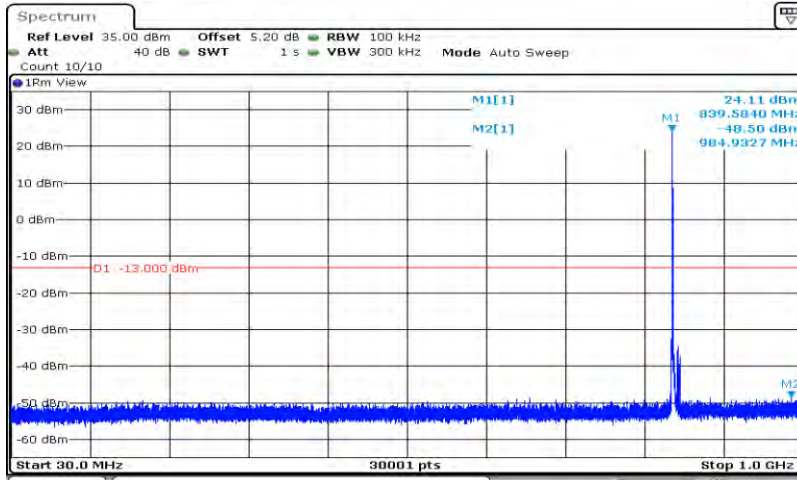


Date: 25.DEC.2019 01:45:53

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

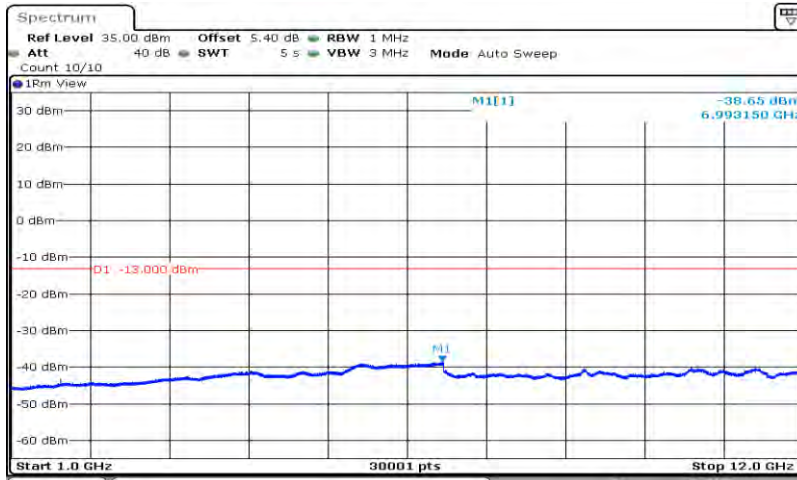


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Date: 25.DEC.2019 01:49:02

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

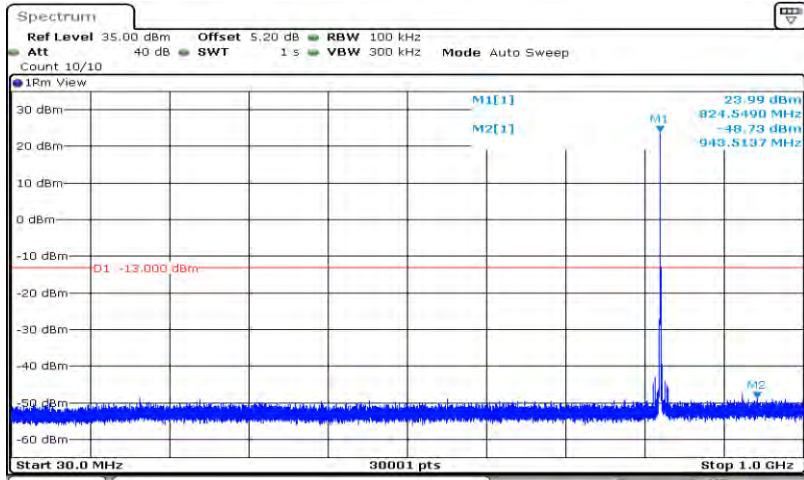


Date: 25.DEC.2019 01:50:09

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

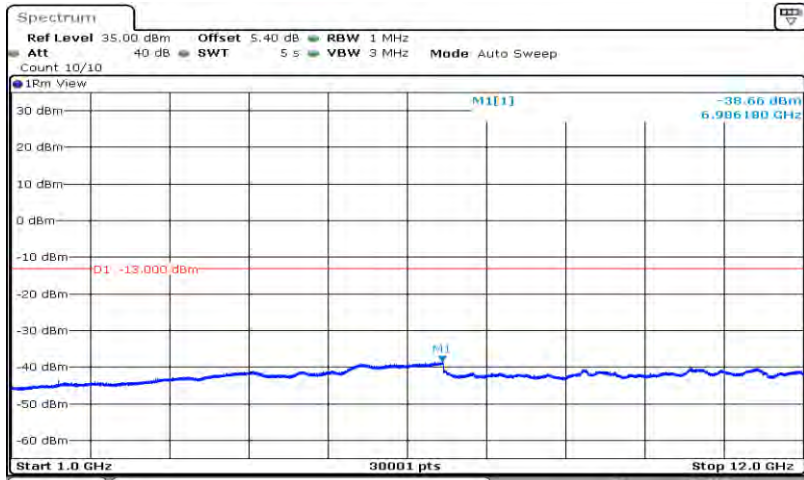


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Date: 25.DEC.2019 01:43:18

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

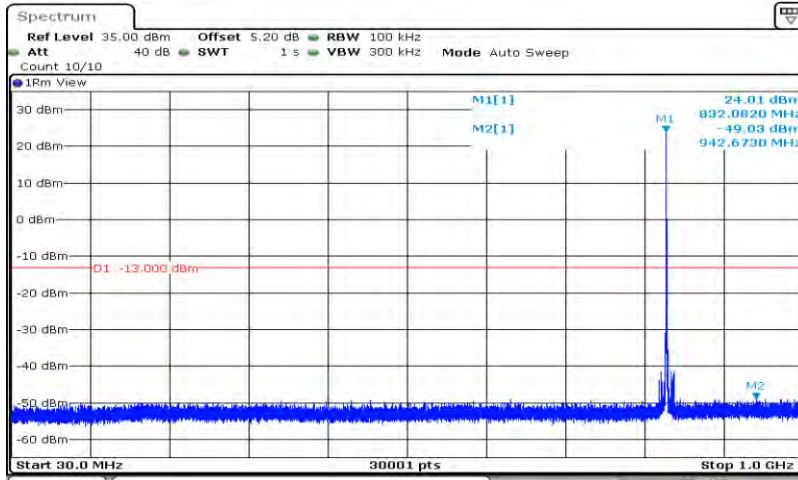


Date: 25.DEC.2019 01:44:26

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

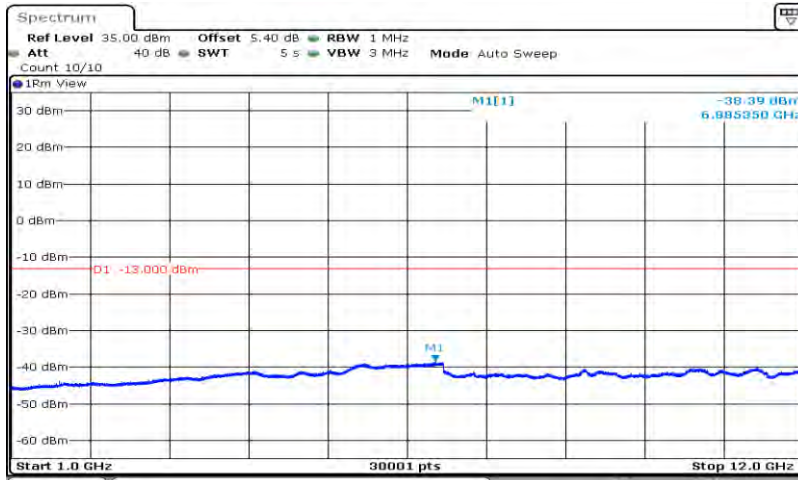


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Date: 25.DEC.2019 01:47:34

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

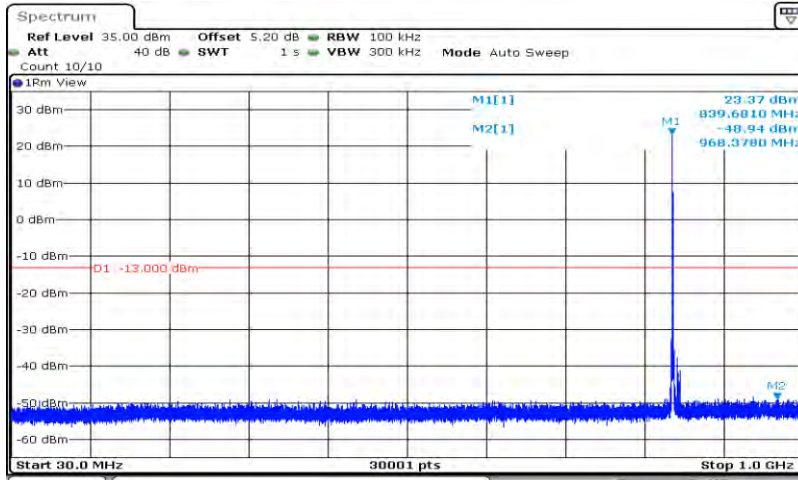


Date: 25.DEC.2019 01:48:41

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

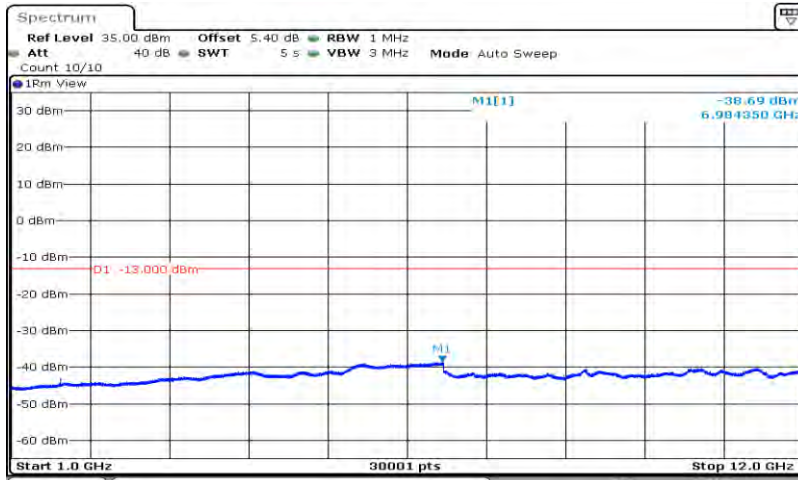


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Date: 25.DEC.2019 01:51:50

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

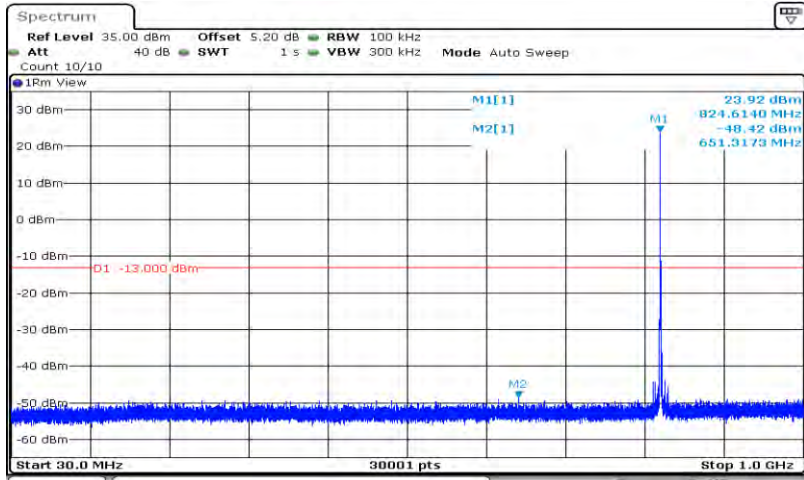


Date: 25.DEC.2019 01:52:57

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

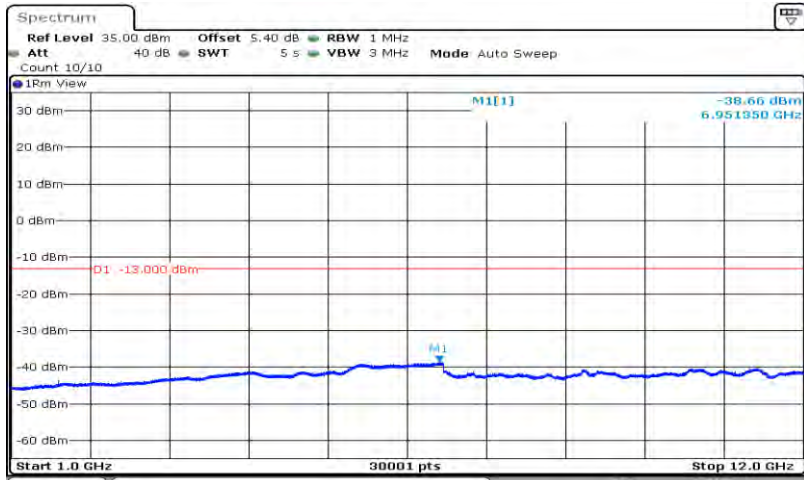


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Date: 25.DEC.2019 01:41:54

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



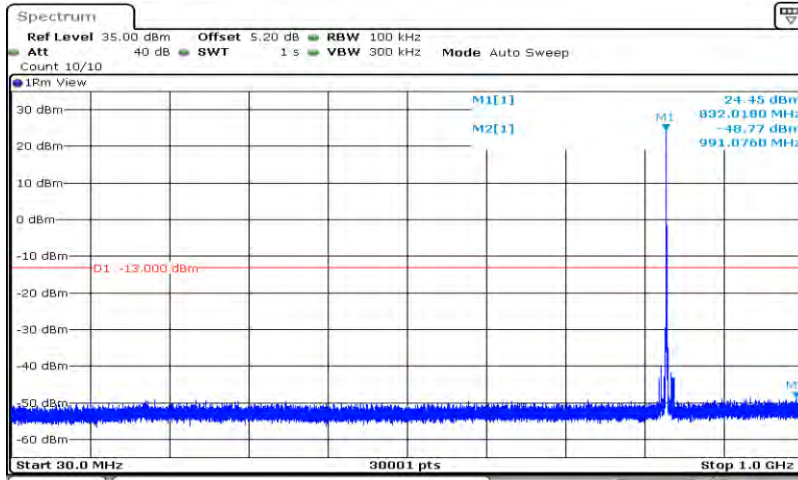
Date: 25.DEC.2019 01:43:02

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



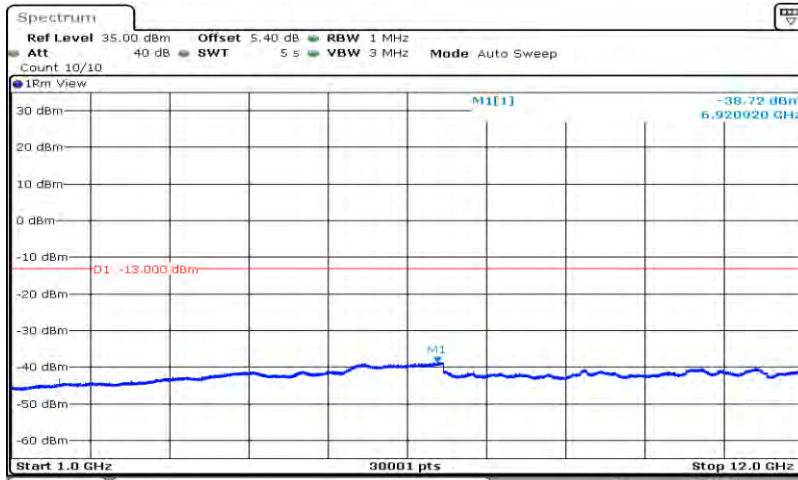
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Date: 25.DEC.2019 01:46:10

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

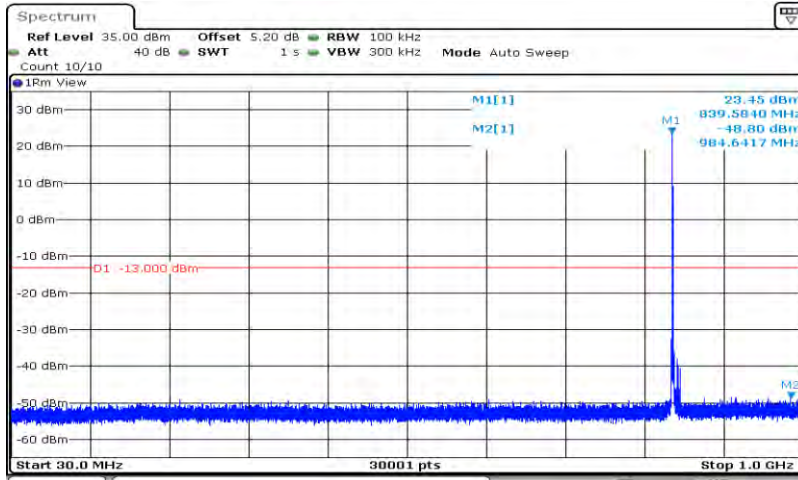


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**Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz**



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Date: 25.DEC.2019 01:50:26

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



Date: 25.DEC.2019 01:51:33



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## 7. Field Strength of Spurious Radiation

### 7.1. Test Mode =LTE/TM1 (Ant0)

#### 7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
49.9830	-69.89	-13.00	56.89	Vertical
109.9320	-62.73	-13.00	49.73	Vertical
579.7265	-61.16	-13.00	48.16	Vertical
1648.9298	-62.30	-13.00	49.30	Vertical
2991.1982	-56.57	-13.00	43.57	Vertical
7382.7461	-57.69	-13.00	44.69	Vertical
42.4166	-63.01	-13.00	50.01	Horizontal
238.0754	-65.07	-13.00	52.07	Horizontal
679.8355	-59.93	-13.00	46.93	Horizontal
1648.9298	-60.10	-13.00	47.10	Horizontal
2999.1998	-56.75	-13.00	43.75	Horizontal
7472.1491	-58.33	-13.00	45.33	Horizontal

#### 7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
49.0615	-70.71	-13.00	57.71	Vertical
113.1817	-62.38	-13.00	49.38	Vertical
601.6981	-60.94	-13.00	47.94	Vertical
1664.1328	-63.72	-13.00	50.72	Vertical
2999.5999	-56.75	-13.00	43.75	Vertical
7434.5478	-57.93	-13.00	44.93	Vertical
42.6106	-62.90	-13.00	49.90	Horizontal
233.8557	-64.70	-13.00	51.70	Horizontal
680.5630	-59.38	-13.00	46.38	Horizontal
1664.5329	-63.57	-13.00	50.57	Horizontal
3000.0000	-56.84	-13.00	43.84	Horizontal
7381.1460	-58.65	-13.00	45.65	Horizontal



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### 7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
48.2369	-70.72	-13.00	57.72	Vertical
110.8535	-62.76	-13.00	49.76	Vertical
600.8735	-61.04	-13.00	48.04	Vertical
1678.9358	-63.28	-13.00	50.28	Vertical
3000.0000	-56.56	-13.00	43.56	Vertical
8022.9674	-57.82	-13.00	44.82	Vertical
41.2041	-62.71	-13.00	49.71	Horizontal
233.7587	-65.96	-13.00	52.96	Horizontal
572.7421	-58.41	-13.00	45.41	Horizontal
1678.9358	-61.43	-13.00	48.43	Horizontal
2951.1902	-57.08	-13.00	44.08	Horizontal
7451.7484	-58.54	-13.00	45.54	Horizontal

## 7.2. Test Mode =LTE/TM1 ( Ant1 )

### 7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
44.7932	-72.10	-13.00	59.10	Vertical
110.5140	-63.05	-13.00	50.05	Vertical
645.8838	-61.62	-13.00	48.62	Vertical
1648.9298	-64.19	-13.00	51.19	Vertical
3000.0000	-56.19	-13.00	43.19	Vertical
7357.1452	-57.69	-13.00	44.69	Vertical
42.2711	-62.41	-13.00	49.41	Horizontal
236.6203	-65.75	-13.00	52.75	Horizontal
987.1954	-53.95	-13.00	40.95	Horizontal
1648.9298	-61.05	-13.00	48.05	Horizontal
3000.0000	-56.16	-13.00	43.16	Horizontal
7437.5479	-58.33	-13.00	45.33	Horizontal



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**7.2.2. Test Channel = MCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
106.4883	-63.28	-13.00	50.28	Vertical
606.6453	-60.43	-13.00	47.43	Vertical
999.8060	-53.12	-13.00	40.12	Vertical
1664.1328	-63.91	-13.00	50.91	Vertical
2947.1894	-56.99	-13.00	43.99	Vertical
7314.1438	-58.55	-13.00	45.55	Vertical
41.6406	-62.99	-13.00	49.99	Horizontal
237.1539	-65.93	-13.00	52.93	Horizontal
998.9329	-52.93	-13.00	39.93	Horizontal
1664.1328	-59.88	-13.00	46.88	Horizontal
2907.5815	-57.97	-13.00	44.97	Horizontal
7229.7410	-59.39	-13.00	46.39	Horizontal

**7.2.3. Test Channel = HCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
51.9716	-70.70	-13.00	57.70	Vertical
109.1075	-62.49	-13.00	49.49	Vertical
606.9363	-61.18	-13.00	48.18	Vertical
987.3894	-52.89	-13.00	39.89	Vertical
2999.5999	-56.30	-13.00	43.30	Vertical
7178.3393	-59.84	-13.00	46.84	Vertical
41.2526	-62.84	-13.00	49.84	Horizontal
229.6360	-64.58	-13.00	51.58	Horizontal
999.6120	-53.38	-13.00	40.38	Horizontal
1678.9358	-61.11	-13.00	48.11	Horizontal
3000.0000	-56.71	-13.00	43.71	Horizontal
7364.5455	-58.54	-13.00	45.54	Horizontal

**Remark:**

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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## 8. Frequency Stability

### 8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-0.70	-0.000844	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	2.80	0.003378	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-1.60	-0.001930	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-3.40	-0.004065	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-0.40	-0.000478	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	1.40	0.001674	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-2.90	-0.003436	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	1.20	0.001422	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	1.40	0.001659	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VL	NT	3.50	0.004222	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VN	NT	2.20	0.002654	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VH	NT	3.90	0.004704	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VL	NT	1.00	0.001195	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VN	NT	1.90	0.002271	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VH	NT	-3.10	-0.003706	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VL	NT	-6.10	-0.007227	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VN	NT	2.70	0.003199	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VH	NT	-4.90	-0.005806	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	-0.10	-0.000121	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-0.80	-0.000965	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	1.90	0.002292	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	1.80	0.002152	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-0.30	-0.000359	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-3.90	-0.004662	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	2.10	0.002488	±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	-3.50	-0.004147	±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	0.60	0.000724	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	2.30	0.002774	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-0.70	-0.000844	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-1.60	-0.001930	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-3.00	-0.003619	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-4.20	-0.005066	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-1.10	-0.001327	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	2.80	0.003378	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-3.50	-0.004184	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	1.30	0.001554	±2.5	PASS



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Band5	10MHz	QPSK	20525	50RB#0	NV	0	-2.90	-0.003467	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-6.10	-0.007292	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	0.30	0.000359	±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	-4.60	-0.005499	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-6.50	-0.007770	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-2.70	-0.003199	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-5.60	-0.006635	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	0.80	0.000948	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-1.80	-0.002133	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-3.60	-0.004265	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	-0.60	-0.000711	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-3.10	-0.003673	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	1.50	0.001777	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-30	-5.50	-0.006634	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-20	-2.60	-0.003136	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	0	0.40	0.000483	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	10	-4.70	-0.005669	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	20	-2.30	-0.002774	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	30	-3.40	-0.004101	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	40	3.00	0.003619	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	50	-1.20	-0.001448	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-30	2.30	0.002750	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-20	-3.10	-0.003706	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	0	-4.00	-0.004782	±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	-1.70	-0.002032	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	30	-0.70	-0.000837	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	40	0.40	0.000478	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	50	-0.50	-0.000598	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-30	-5.70	-0.006754	±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	-2.70	-0.003199	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	10	-5.20	-0.006161	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	20	-0.40	-0.000474	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	30	4.30	0.005095	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	40	1.10	0.001303	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	50	-3.40	-0.004028	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-4.00	-0.004825	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	1.30	0.001568	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-4.50	-0.005428	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-5.60	-0.006755	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	1.10	0.001327	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	-1.10	-0.001327	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	-4.50	-0.005428	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	0.30	0.000362	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-1.20	-0.001435	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	1.10	0.001315	±2.5	PASS



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Band5	10MHz	16QAM	20525	50RB#0	NV	0	1.40	0.001674	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-5.30	-0.006336	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-4.20	-0.005021	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-3.60	-0.004304	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	-2.40	-0.002869	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	-1.80	-0.002152	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	0.30	0.000355	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-5.20	-0.006161	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-2.20	-0.002607	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	0.90	0.001066	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-2.50	-0.002962	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	-3.40	-0.004028	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	-1.50	-0.001777	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	0.50	0.000592	±2.5	PASS

The End



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