



Appendix B

E-UTRA Band 5



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#5	23.31	20.70	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.43	20.82	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	23.31	20.70	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.41	20.80	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.47	20.86	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.40	20.79	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.42	19.81	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.32	20.71	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.31	20.70	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.44	20.83	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.45	20.84	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.48	20.87	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.43	20.82	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.42	19.81	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.35	20.74	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.44	20.83	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.33	20.72	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.44	20.83	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.48	20.87	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.43	20.82	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.46	19.85	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	21.46	18.85	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	21.45	18.84	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	21.56	18.95	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	21.47	18.86	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	21.55	18.94	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	21.51	18.90	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	20.42	17.81	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	21.45	18.84	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	21.47	18.86	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	21.58	18.97	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	21.50	18.89	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	21.47	18.86	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	21.54	18.93	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.37	17.76	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.51	18.90	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	21.61	19.00	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.53	18.92	38.45	PASS



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Band5	1.4MHz	64QAM	20643	3RB#3	21.49	18.88	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	21.56	18.95	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	21.51	18.90	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.40	17.79	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.51	19.90	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.59	19.98	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.65	20.04	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.42	19.81	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.40	19.79	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.49	19.88	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.49	18.88	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.56	19.95	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.58	19.97	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.81	20.20	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.53	19.92	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.57	19.96	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.55	19.94	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.48	18.87	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.50	19.89	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.68	20.07	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.57	19.96	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.51	19.90	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.47	19.86	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.59	19.98	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.51	18.90	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.40	20.79	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.39	20.78	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.43	20.82	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.47	19.86	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.45	19.84	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.52	19.91	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.45	19.84	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.43	20.82	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.41	20.80	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.41	20.80	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.49	19.88	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.47	19.86	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.45	19.84	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.46	19.85	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.42	20.81	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.43	20.82	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.42	20.81	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.51	19.90	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.50	19.89	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.46	19.85	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.48	19.87	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	21.57	18.96	38.45	PASS



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Band5	3MHz	64QAM	20415	1RB#8	21.59	18.98	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	21.50	18.89	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	20.45	17.84	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	20.47	17.86	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	20.50	17.89	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	20.43	17.82	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	21.54	18.93	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	21.53	18.92	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	21.54	18.93	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	20.43	17.82	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	20.48	17.87	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	20.46	17.85	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	20.42	17.81	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	21.51	18.90	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	21.50	18.89	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	21.49	18.88	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	20.40	17.79	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	20.46	17.85	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	20.45	17.84	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.42	17.81	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.55	19.94	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.63	20.02	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.59	19.98	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.50	18.89	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.55	18.94	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.50	18.89	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.42	18.81	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.59	19.98	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.69	20.08	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.71	20.10	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.52	18.91	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.53	18.92	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.50	18.89	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.44	18.83	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.59	19.98	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.69	20.08	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.75	20.14	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.55	18.94	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.50	18.89	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.56	18.95	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.45	18.84	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.30	20.69	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.57	20.96	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.31	20.70	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.45	19.84	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.52	19.91	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.46	19.85	38.45	PASS



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Band5	5MHz	QPSK	20425	25RB#0	22.48	19.87	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.33	20.72	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.61	21.00	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.31	20.70	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.45	19.84	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.45	19.84	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.52	19.91	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.49	19.88	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.29	20.68	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.60	20.99	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.30	20.69	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.48	19.87	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.54	19.93	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.42	19.81	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.49	19.88	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	21.42	18.81	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	21.69	19.08	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	21.40	18.79	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	20.50	17.89	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	20.47	17.86	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	20.39	17.78	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	20.47	17.86	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	21.41	18.80	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	21.69	19.08	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	21.48	18.87	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	20.41	17.80	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	20.49	17.88	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	20.43	17.82	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.46	17.85	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	21.39	18.78	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	21.73	19.12	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	21.35	18.74	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	20.42	17.81	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	20.33	17.72	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	20.45	17.84	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.44	17.83	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.54	19.93	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.86	20.25	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.61	20.00	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.52	18.91	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.47	18.86	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.43	18.82	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.45	18.84	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.50	19.89	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.59	19.98	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.89	20.28	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.50	18.89	38.45	PASS



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Band5	5MHz	16QAM	20525	12RB#0	21.46	18.85	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.53	18.92	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.49	18.88	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.59	19.98	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.88	20.27	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.57	19.96	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.56	18.95	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.51	18.90	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.44	18.83	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.52	18.91	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.39	20.78	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.55	20.94	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.35	20.74	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.54	19.93	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.50	19.89	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.50	19.89	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.50	19.89	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.35	20.74	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.53	20.92	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.38	20.77	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.49	19.88	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.49	19.88	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.50	19.89	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.50	19.89	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.38	20.77	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.52	20.91	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.40	20.79	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.53	19.92	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.49	19.88	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.46	19.85	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.49	19.88	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	21.51	18.90	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	21.66	19.05	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.51	18.90	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	20.48	17.87	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	20.51	17.90	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	20.51	17.90	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	20.49	17.88	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.45	18.84	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	21.49	18.88	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	21.67	19.06	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	20.49	17.88	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	20.49	17.88	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	20.51	17.90	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.49	17.88	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	21.45	18.84	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	21.65	19.04	38.45	PASS



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Band5	10MHz	64QAM	20600	1RB#49	21.44	18.83	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	20.49	17.88	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	20.42	17.81	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	20.46	17.85	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.49	17.88	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.60	19.99	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.57	19.96	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.83	20.22	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.52	18.91	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.51	18.90	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.47	18.86	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.49	18.88	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.65	20.04	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.69	20.08	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.80	20.19	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.52	18.91	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.48	18.87	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.50	18.89	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.51	18.90	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.61	20.00	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.76	20.15	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.60	19.99	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.49	18.88	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.54	18.93	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.48	18.87	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.49	18.88	38.45	PASS

Remark:

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

$$ERP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBd]}$$

$$EIRP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$



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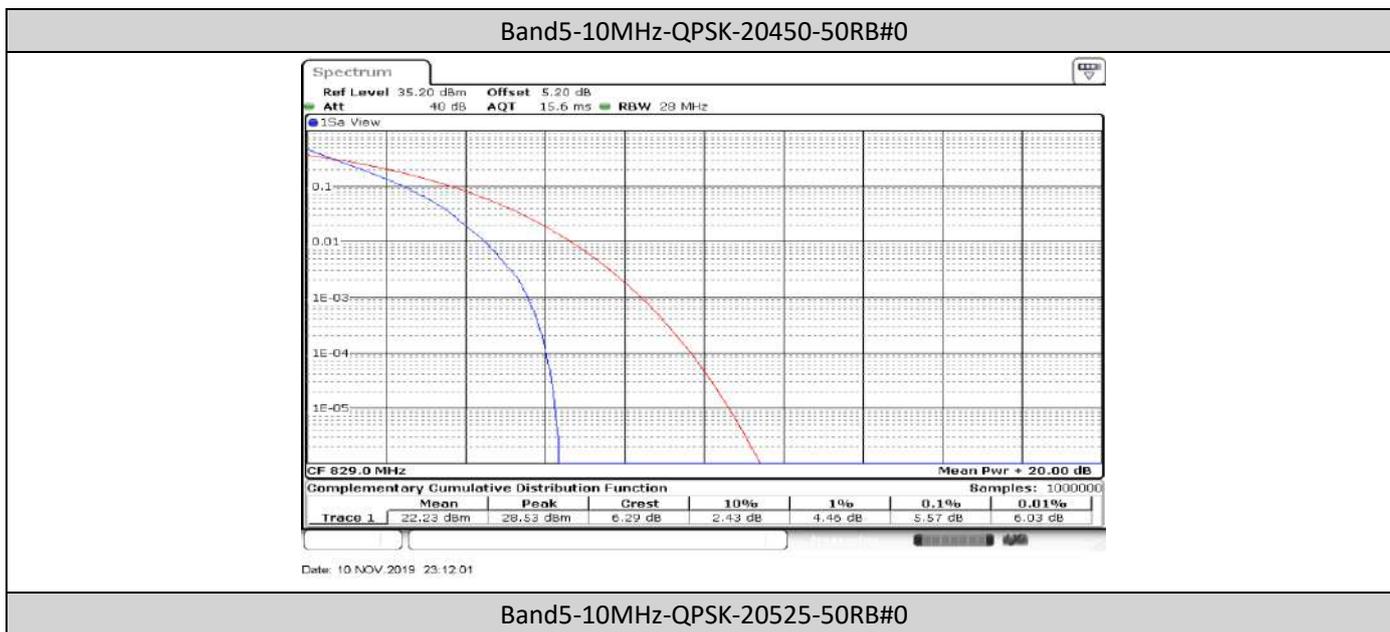


2. Peak-to-Average Ratio (CCDF)

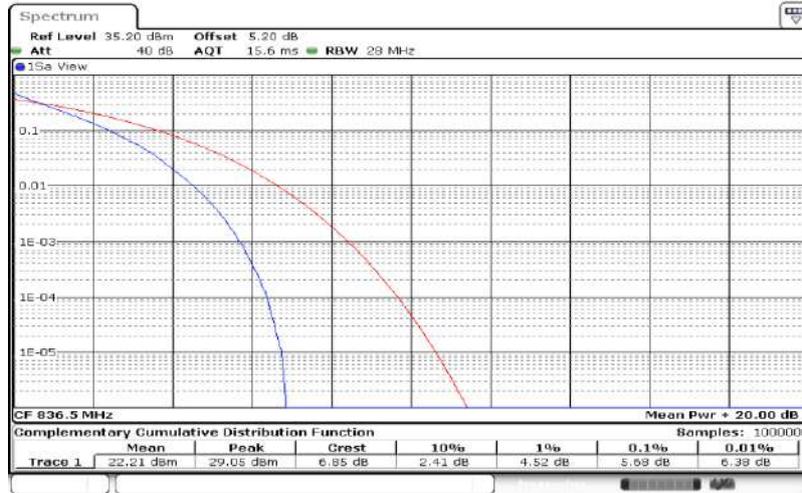
2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	5.57	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.68	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.39	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	6.61	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.64	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	6.49	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.29	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.43	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.20	13	PASS

2.2. Test Plots

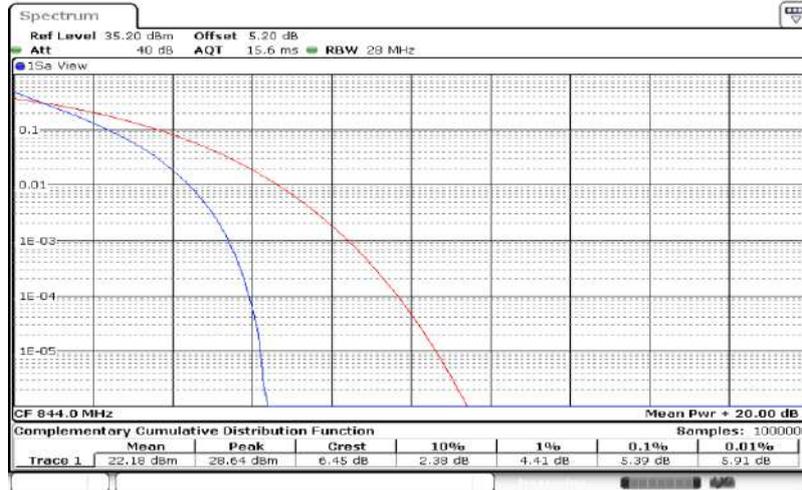


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Date: 10 NOV 2019 23:12:20

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



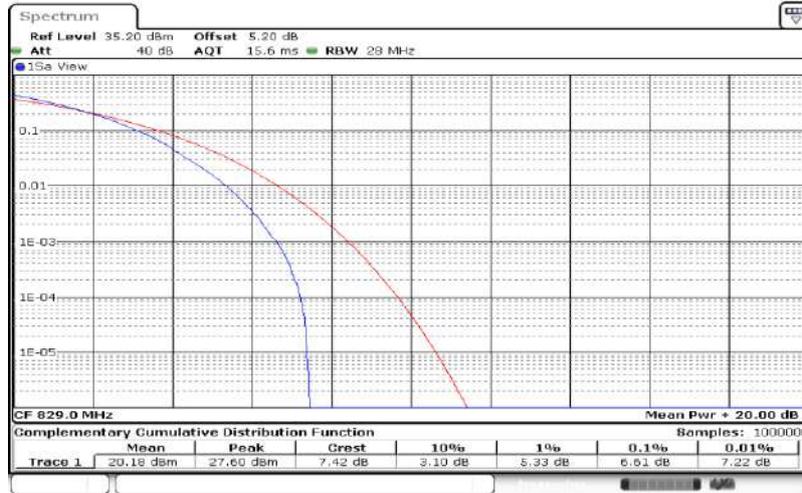
Date: 10 NOV 2019 23:12:38

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



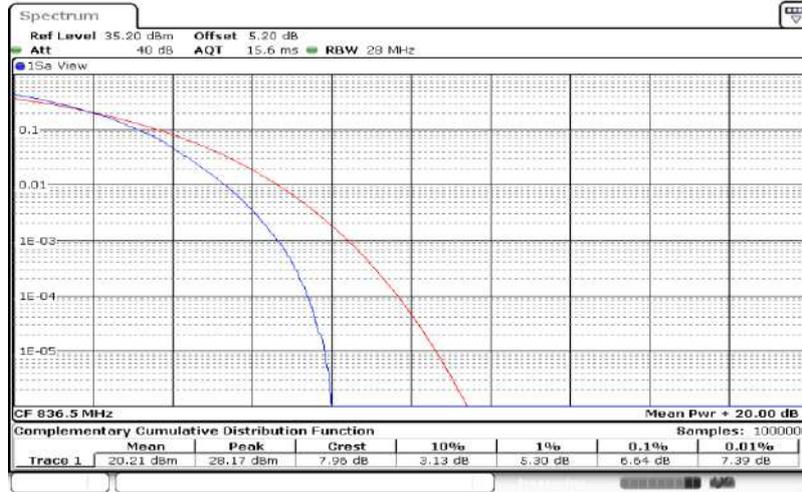
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Date: 28 NOV 2019 19:20:47

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



Date: 28 NOV 2019 19:20:59

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



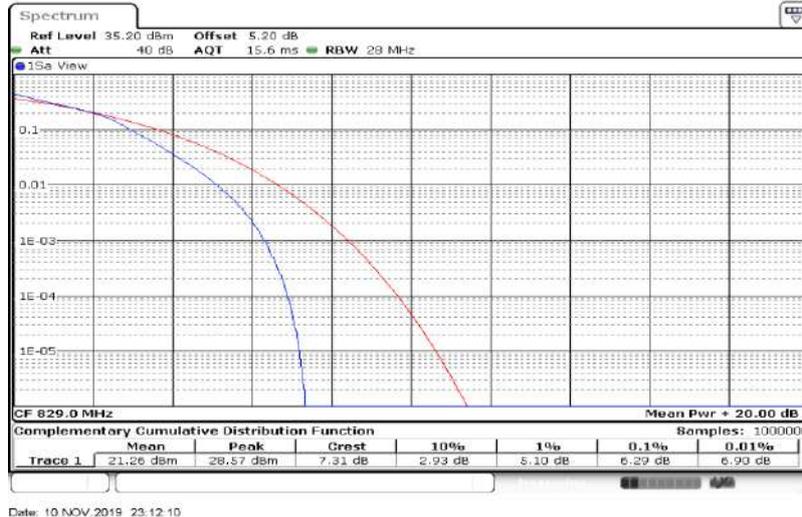
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Date: 26 NOV 2019 19:21:10

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



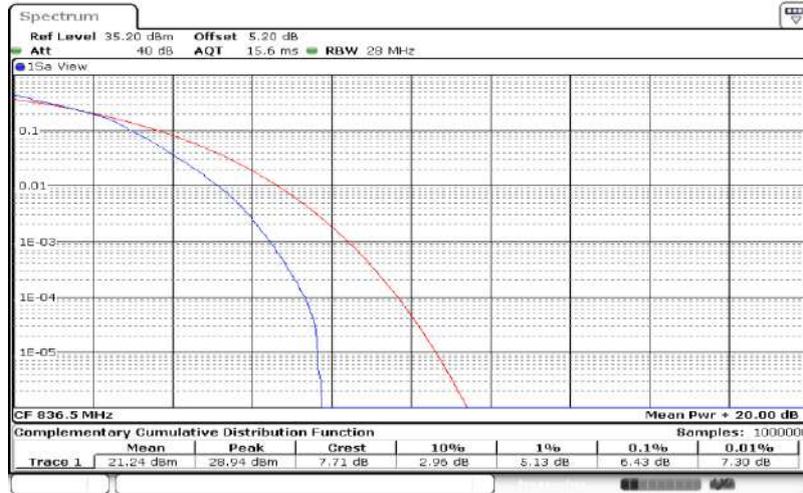
Date: 10 NOV 2019 23:12:10

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



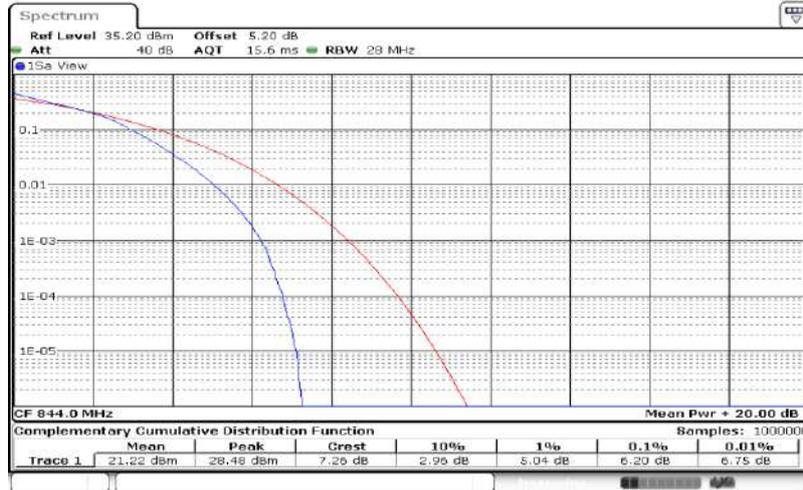
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Date: 10 NOV 2019 23:12:28

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



Date: 10 NOV 2019 23:12:46



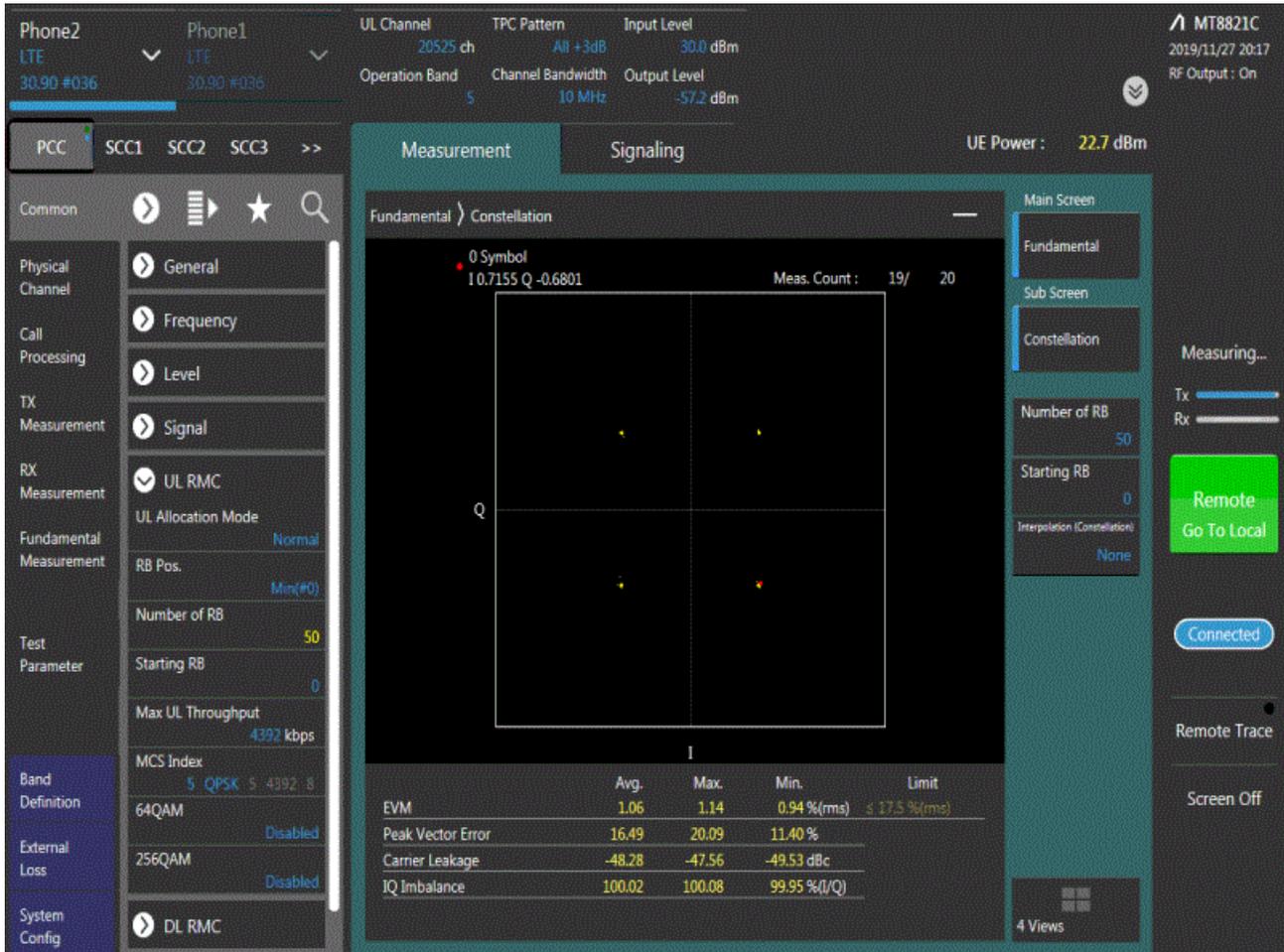
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 10MHz

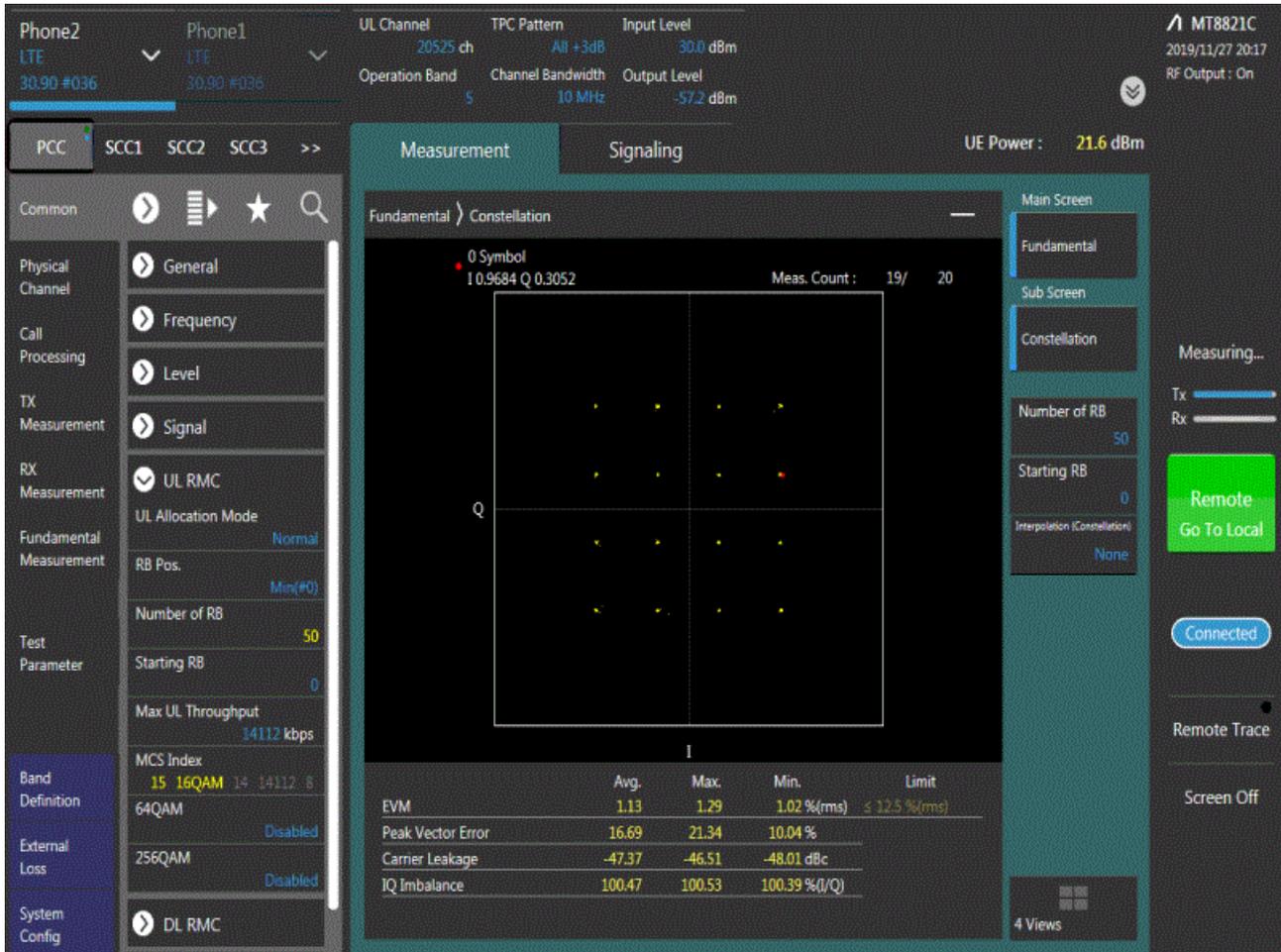
3.1.1. Test Channel = MCH



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3.2. Test Mode = LTE /TM2 10MHz

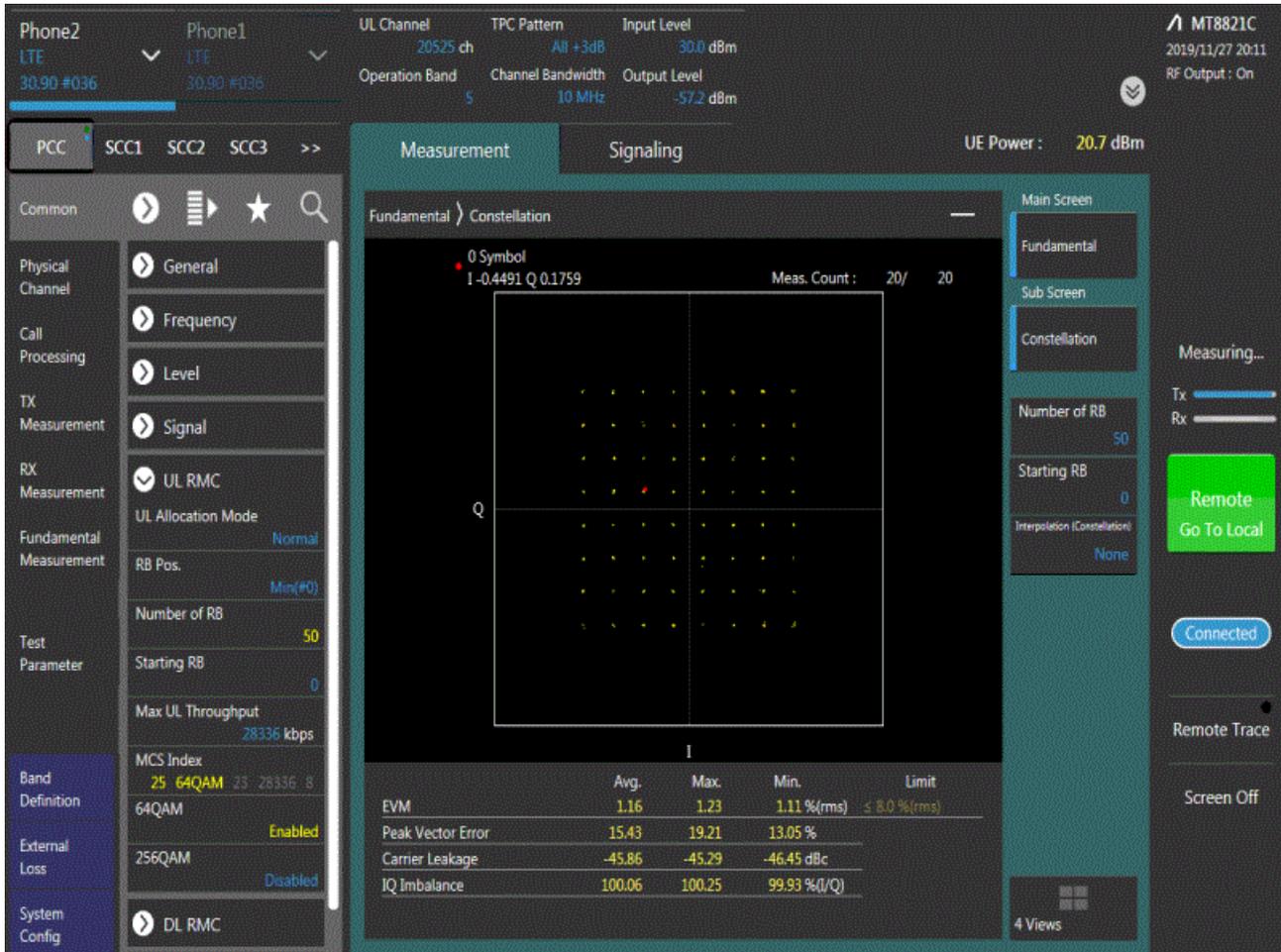
3.2.1. Test Channel = MCH



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3.3. Test Mode = LTE /TM3 10MHz

3.3.1. Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.094	1.368	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.097	1.287	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.097	1.311	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.094	1.278	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.094	1.284	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.094	1.272	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.103	1.317	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.094	1.293	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.088	1.278	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.685	2.916	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.691	2.910	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.685	2.898	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.685	2.910	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.685	2.910	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.685	2.898	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.679	2.910	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.685	2.910	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.685	2.916	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.456	4.820	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.476	4.860	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.486	4.870	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.476	4.810	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.466	4.830	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.476	4.840	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.466	4.860	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.476	4.860	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.466	4.790	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.951	9.680	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.931	9.620	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.931	9.560	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.951	10.180	PASS



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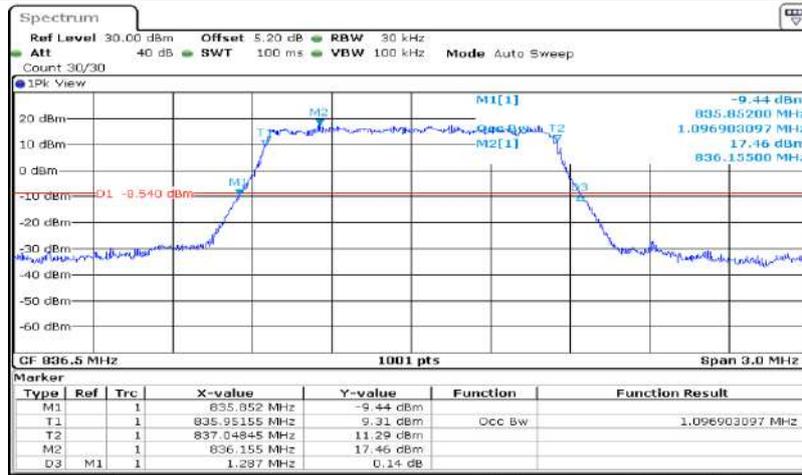
Band5	10MHz	64QAM	20525	50RB#0	8.911	9.560	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.931	9.540	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.931	9.520	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.931	9.620	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.931	9.660	PASS

4.2. Test Plots

Band5-1.4MHz-QPSK-20407-6RB#0-1.094



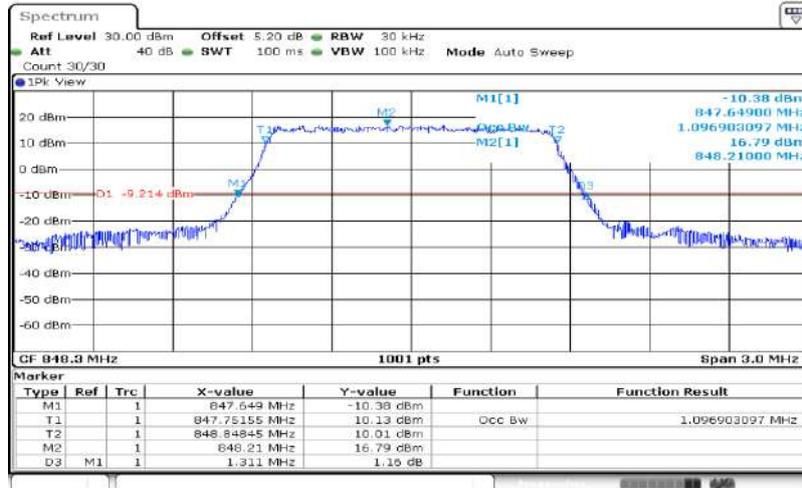
Band5-1.4MHz-QPSK-20525-6RB#0-1.097



Band5-1.4MHz-QPSK-20643-6RB#0-1.097

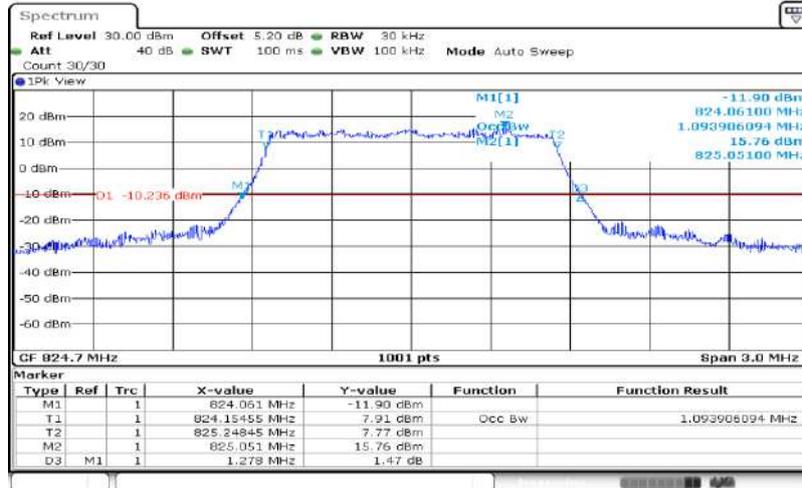


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Date: 10.NOV.2019 22:21:50

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



Date: 28.NOV.2019 19:07:18

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



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Date: 26 NOV 2019 19:07:31

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

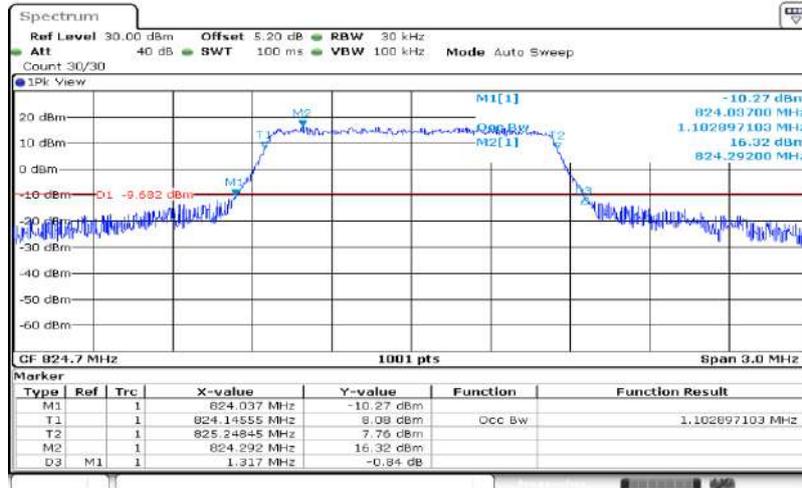


Date: 26 NOV 2019 19:07:44

Band5-1.4MHz-16QAM-20407-6RB#0-1.103



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Date: 10.NOV.2019 22:19:02

Band5-1.4MHz-16QAM-20525-6RB#0-1.094

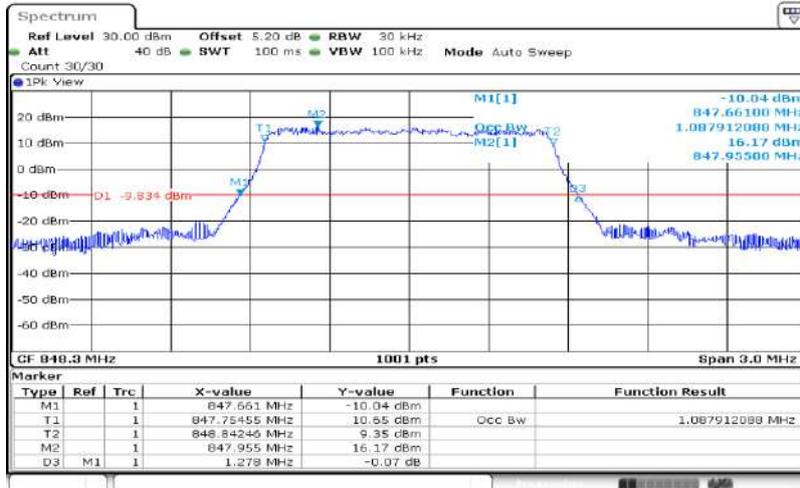


Date: 10.NOV.2019 22:20:31

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

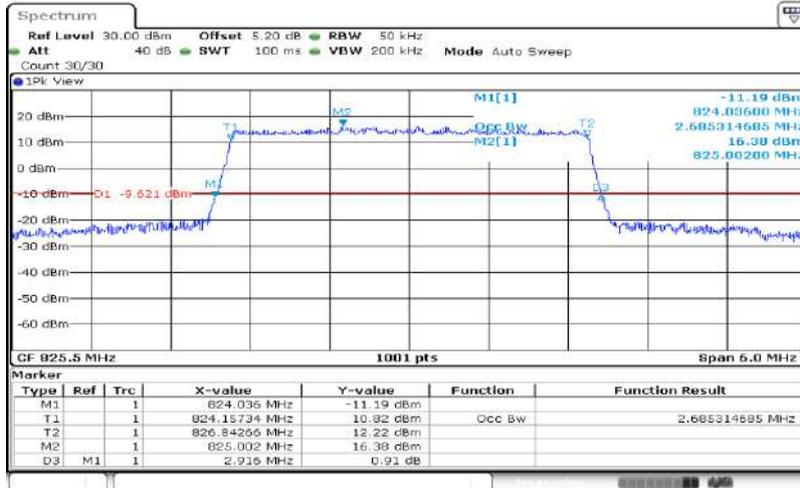


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Date: 10.NOV.2019 22:22:00

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

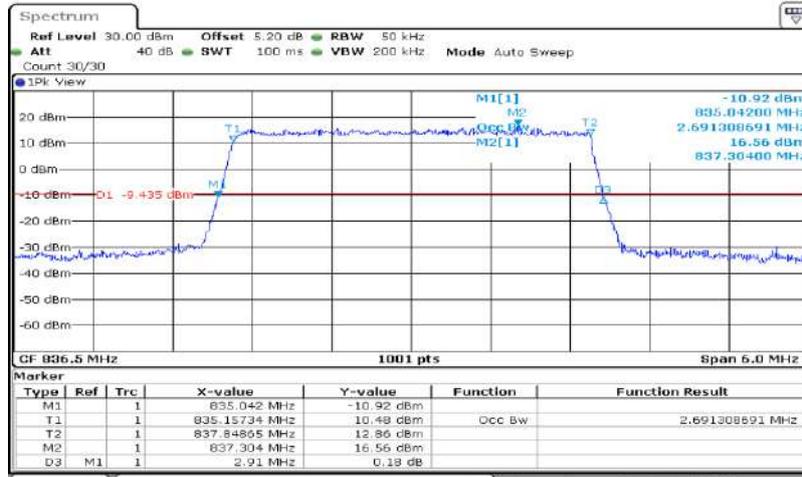


Date: 10.NOV.2019 22:23:34

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

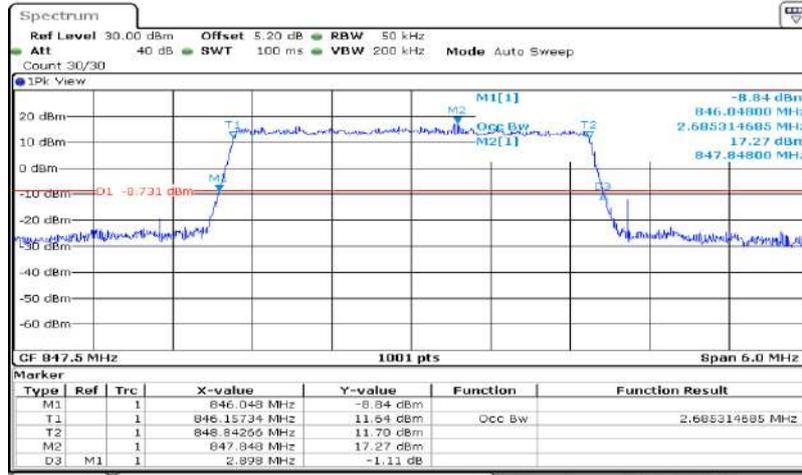


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Date: 10.NOV.2019 22:23:58

Band5-3MHz-QPSK-20635-15RB#0-2.685



Date: 10.NOV.2019 22:24:19

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

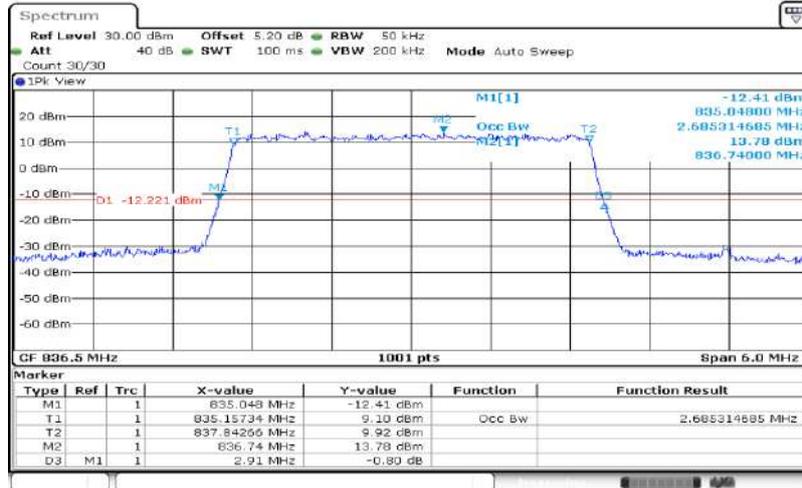


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Date: 26 NOV 2019 19:08:02

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

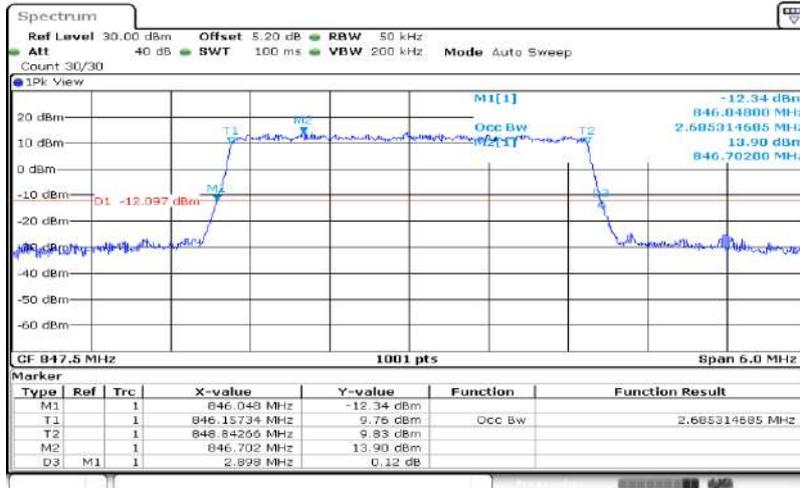


Date: 26 NOV 2019 19:08:15

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

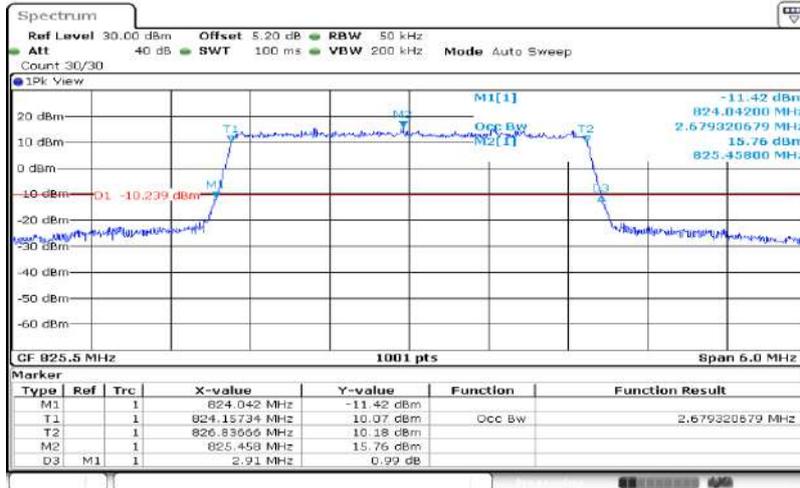


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Date: 26 NOV 2019 19:06:28

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



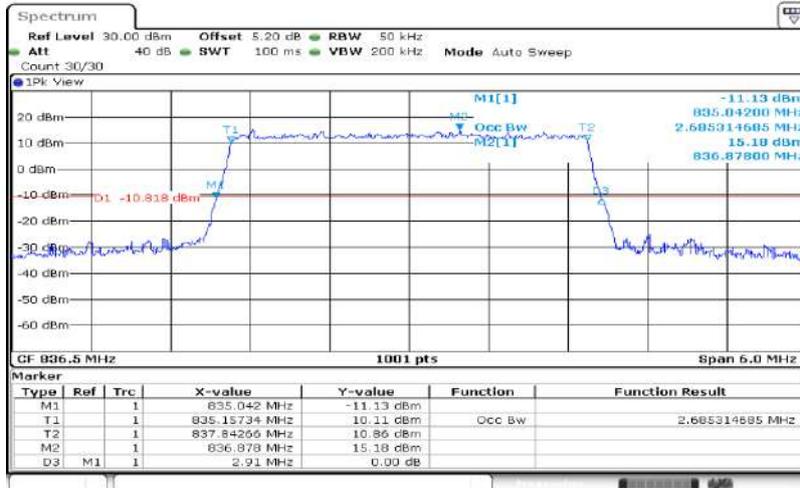
Date: 10 NOV 2019 22:23:44

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



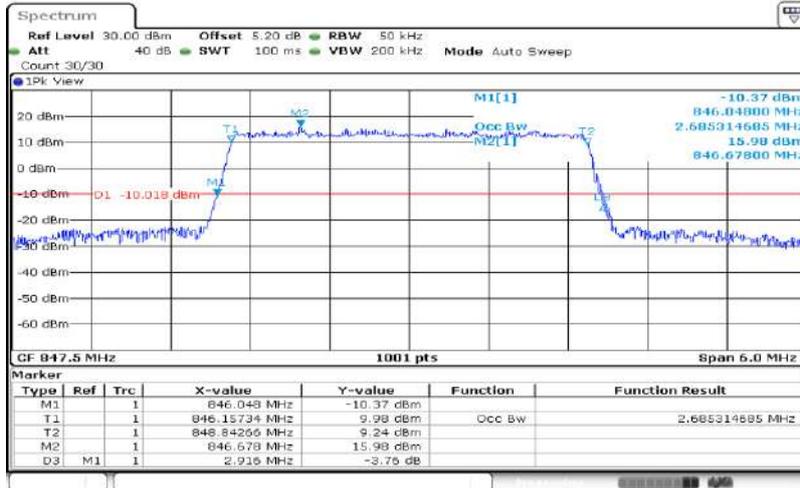
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Date: 10.NOV.2019 22:24:05

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

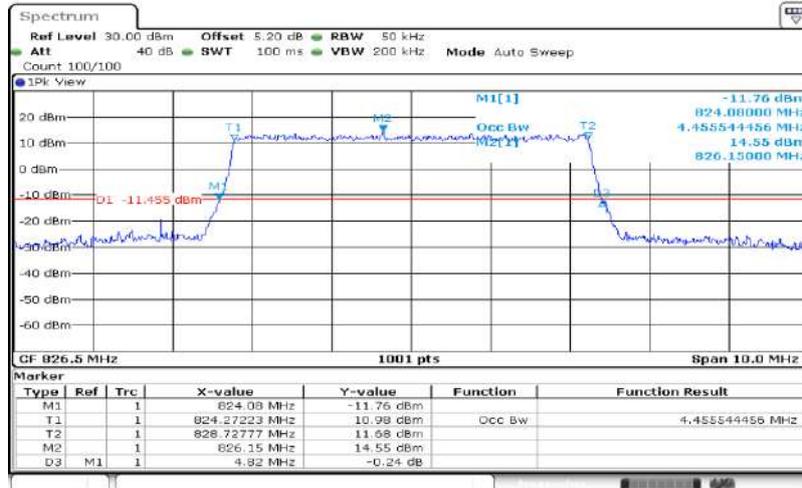


Date: 10.NOV.2019 22:24:26

Band5-5MHz-QPSK-20425-25RB#0-4.456

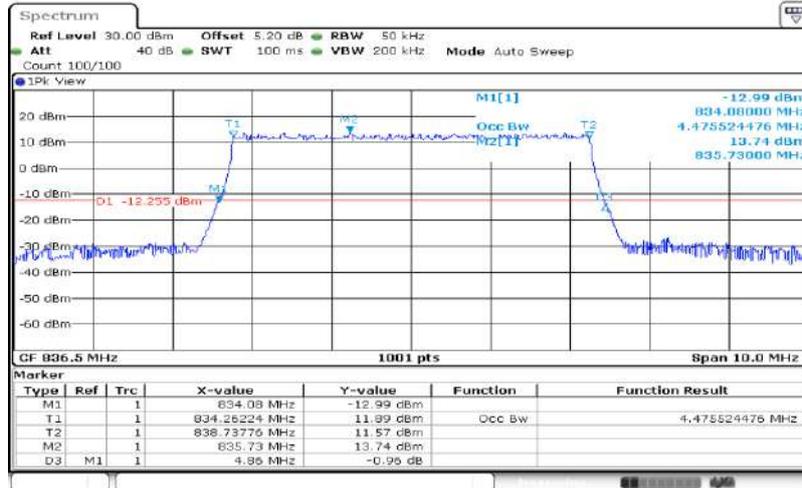


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Date: 10.NOV.2019 22:26:10

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

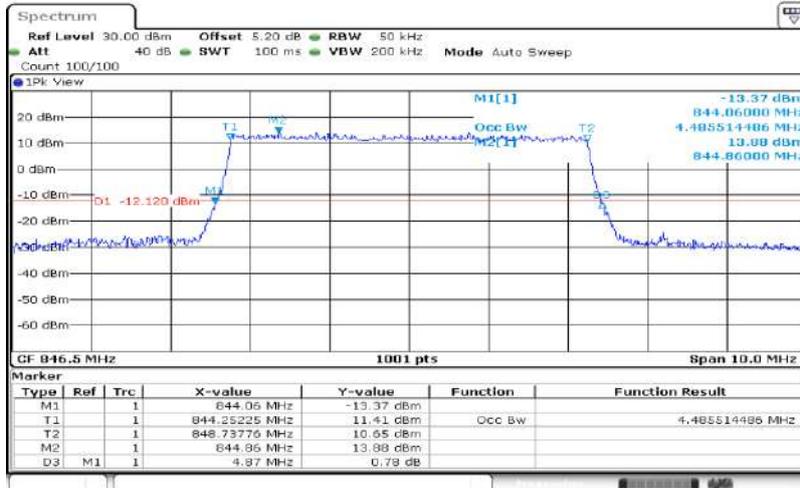


Date: 10.NOV.2019 22:26:46

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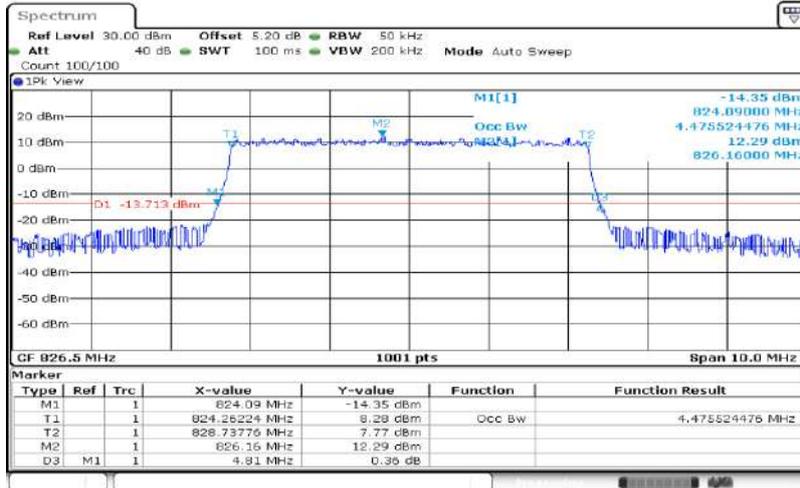


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Date: 10 NOV 2019 22:27:23

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

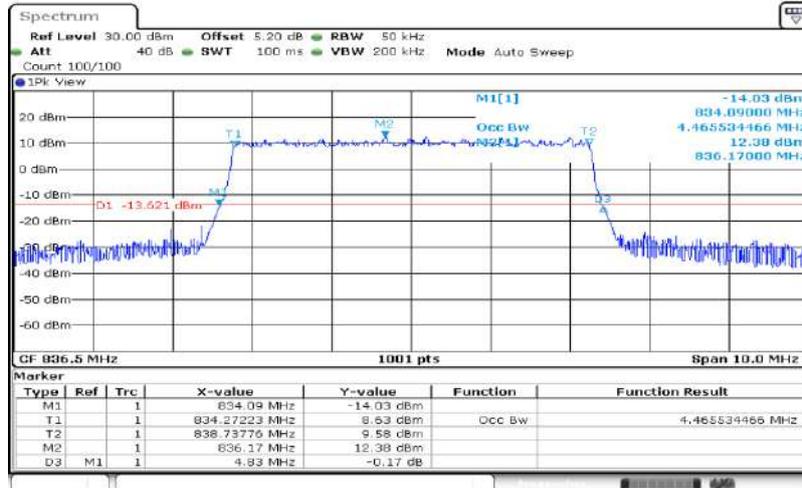


Date: 28 NOV 2019 19:06:52

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

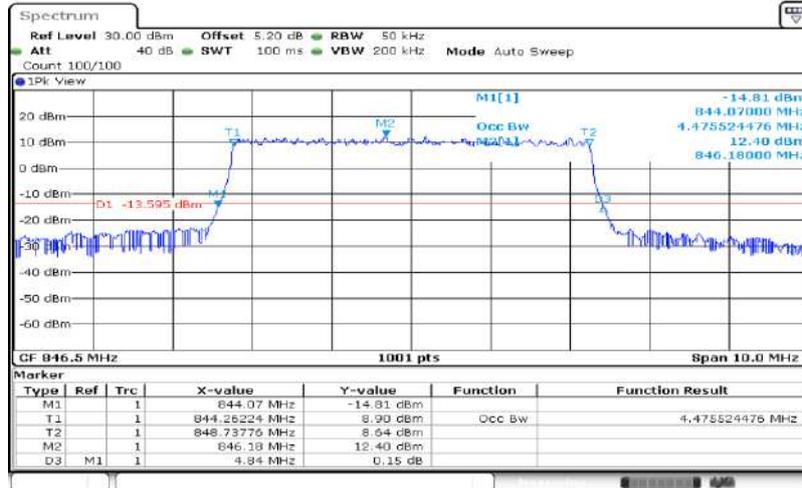


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Date: 26 NOV 2019 19:09:12

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

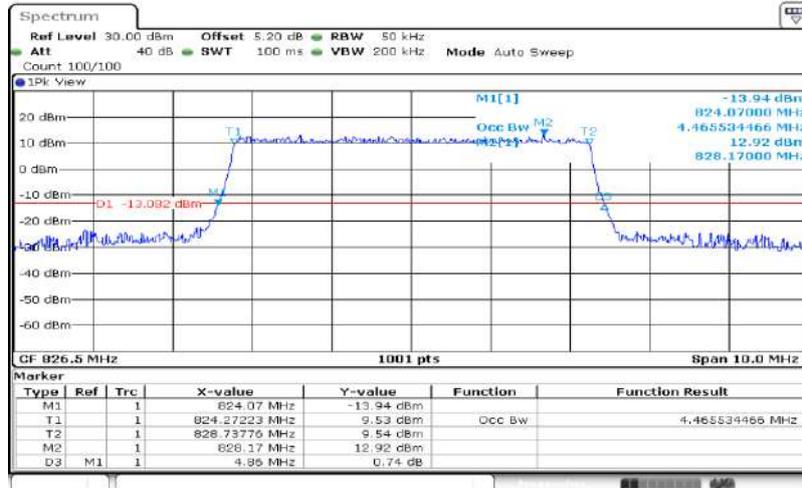


Date: 26 NOV 2019 19:09:32

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

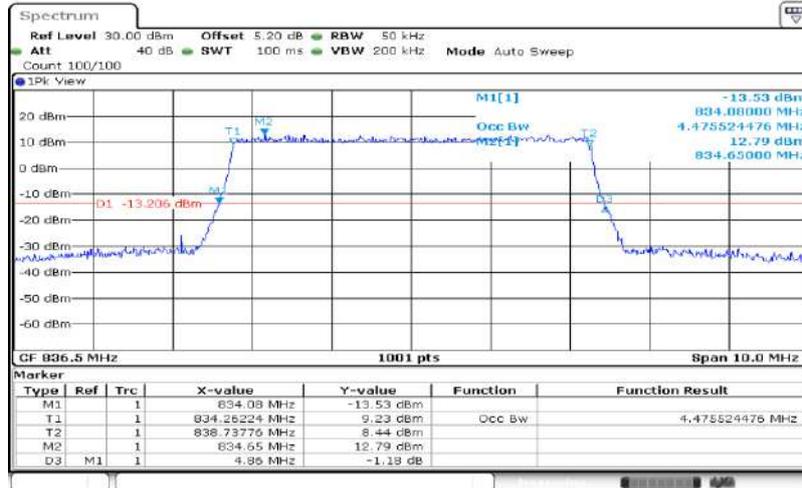


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Date: 10.NOV.2019 22:26:28

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

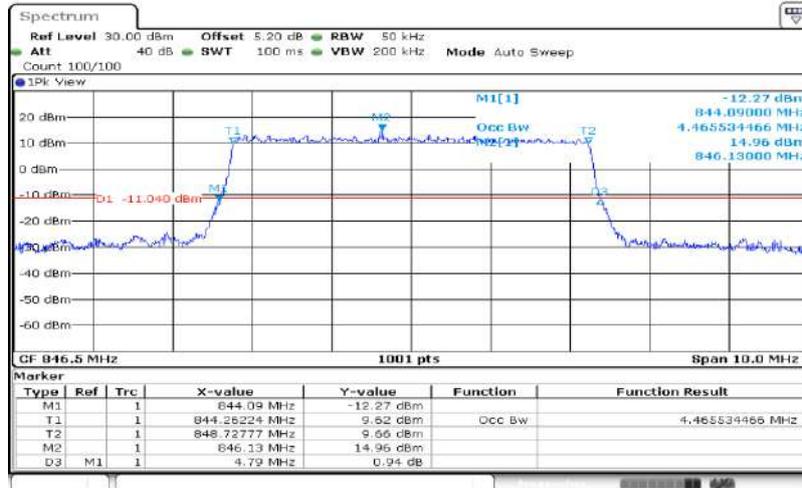


Date: 10.NOV.2019 22:27:03

Band5-5MHz-16QAM-20625-25RB#0-4.466

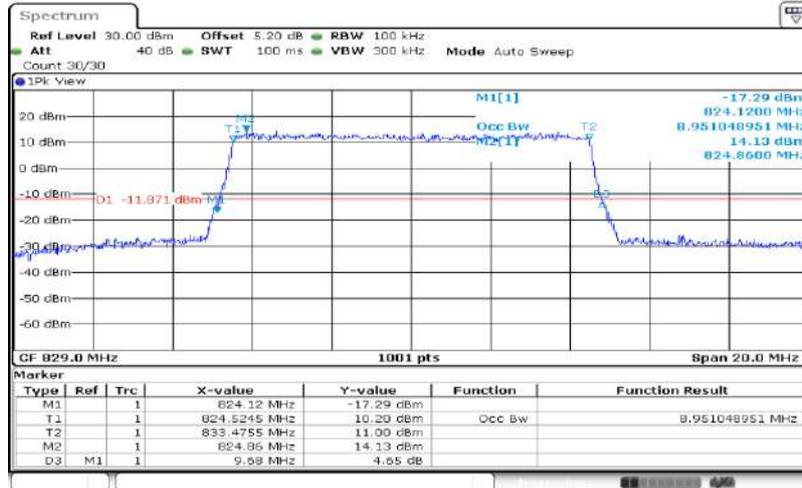


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Date: 10.NOV.2019 22:27:39

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



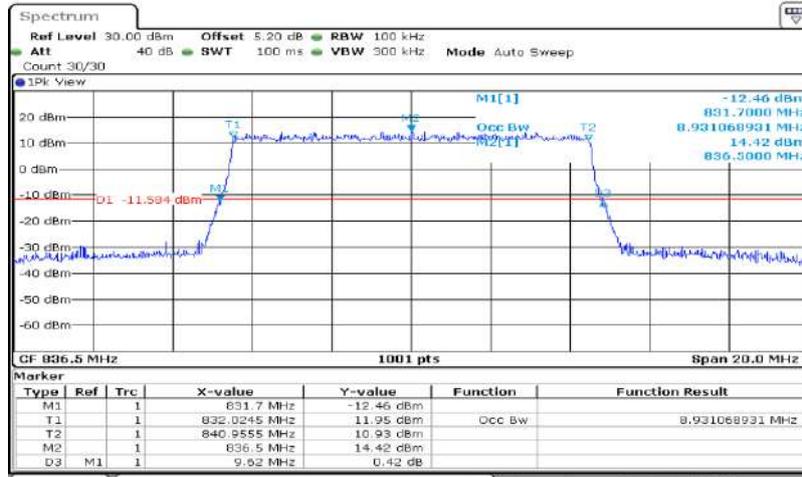
Date: 10.NOV.2019 22:29:13

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



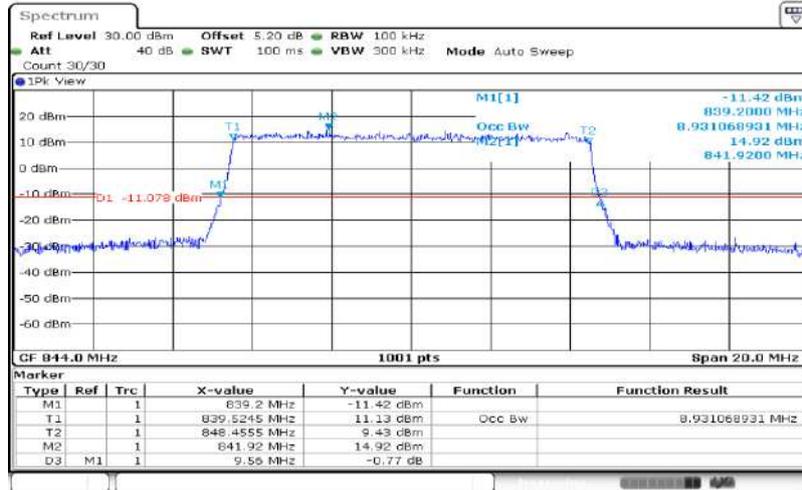
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Date: 10.NOV.2019 22:29:36

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

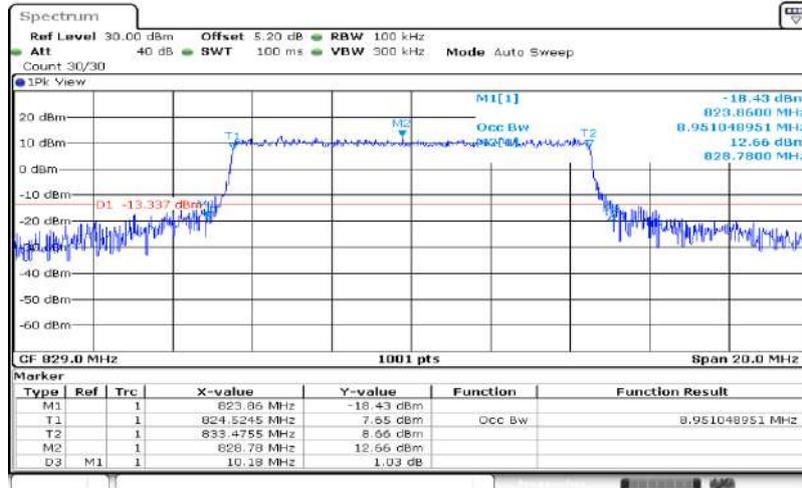


Date: 10.NOV.2019 22:29:59

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

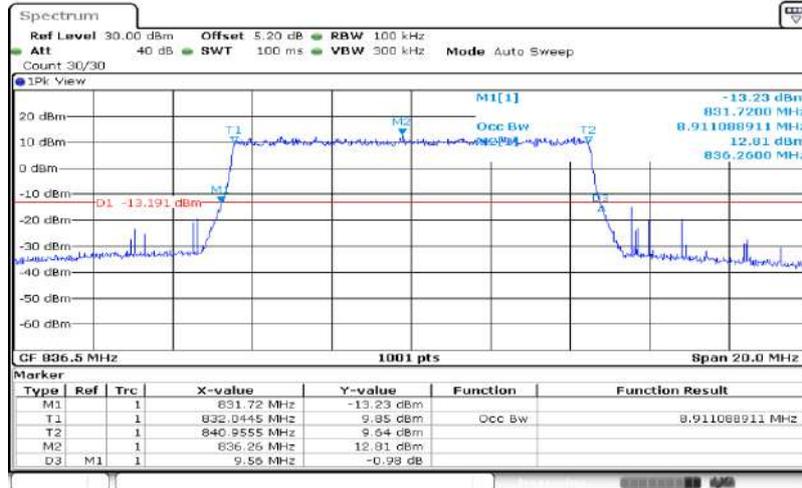


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Date: 28 NOV 2019 19:09:50

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



Date: 28 NOV 2019 19:10:02

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

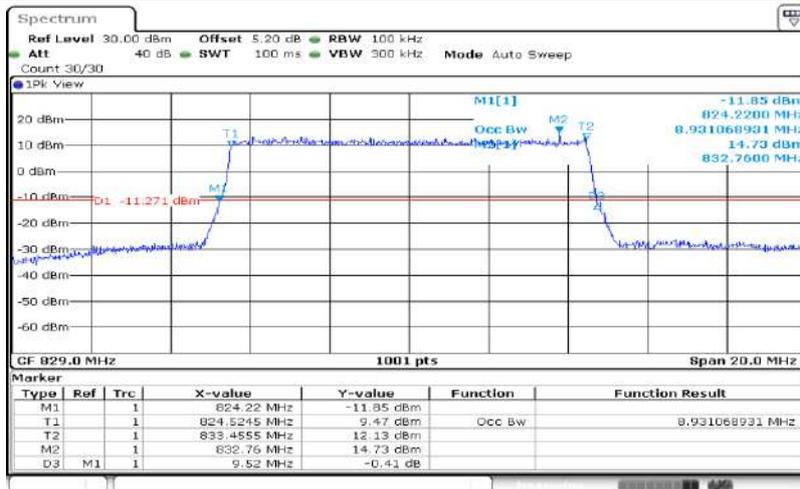


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Date: 26 NOV 2019 19:10:15

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

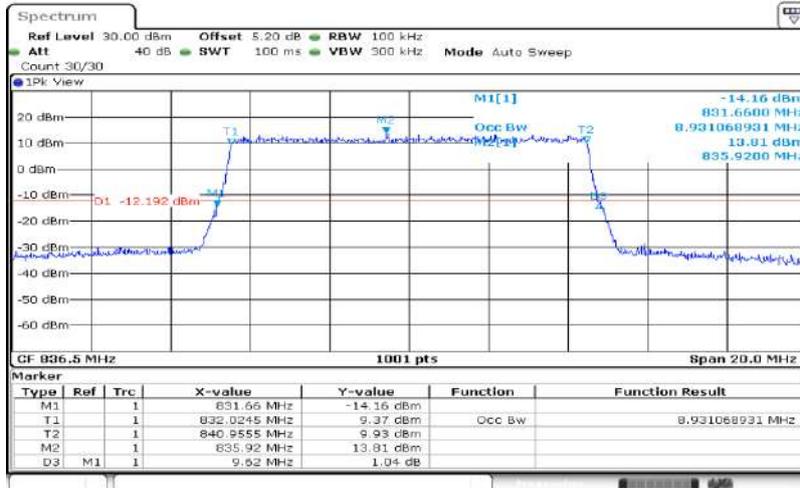


Date: 10 NOV 2019 22:29:23

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

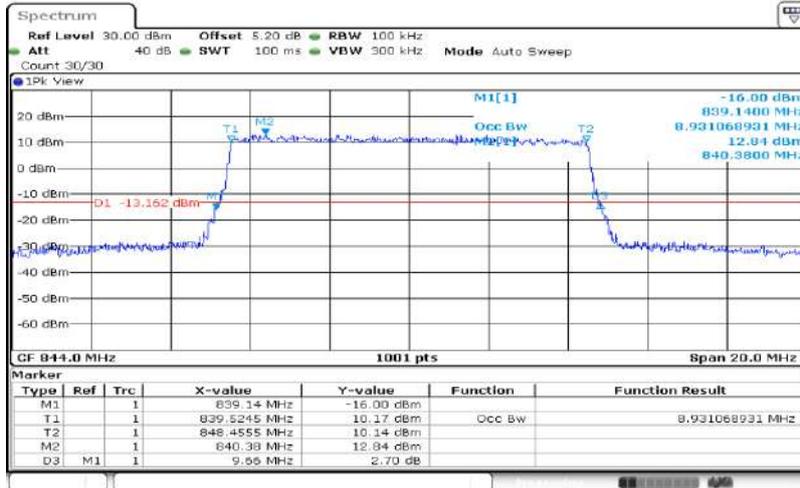


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Date: 10.NOV.2019 22:29:46

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



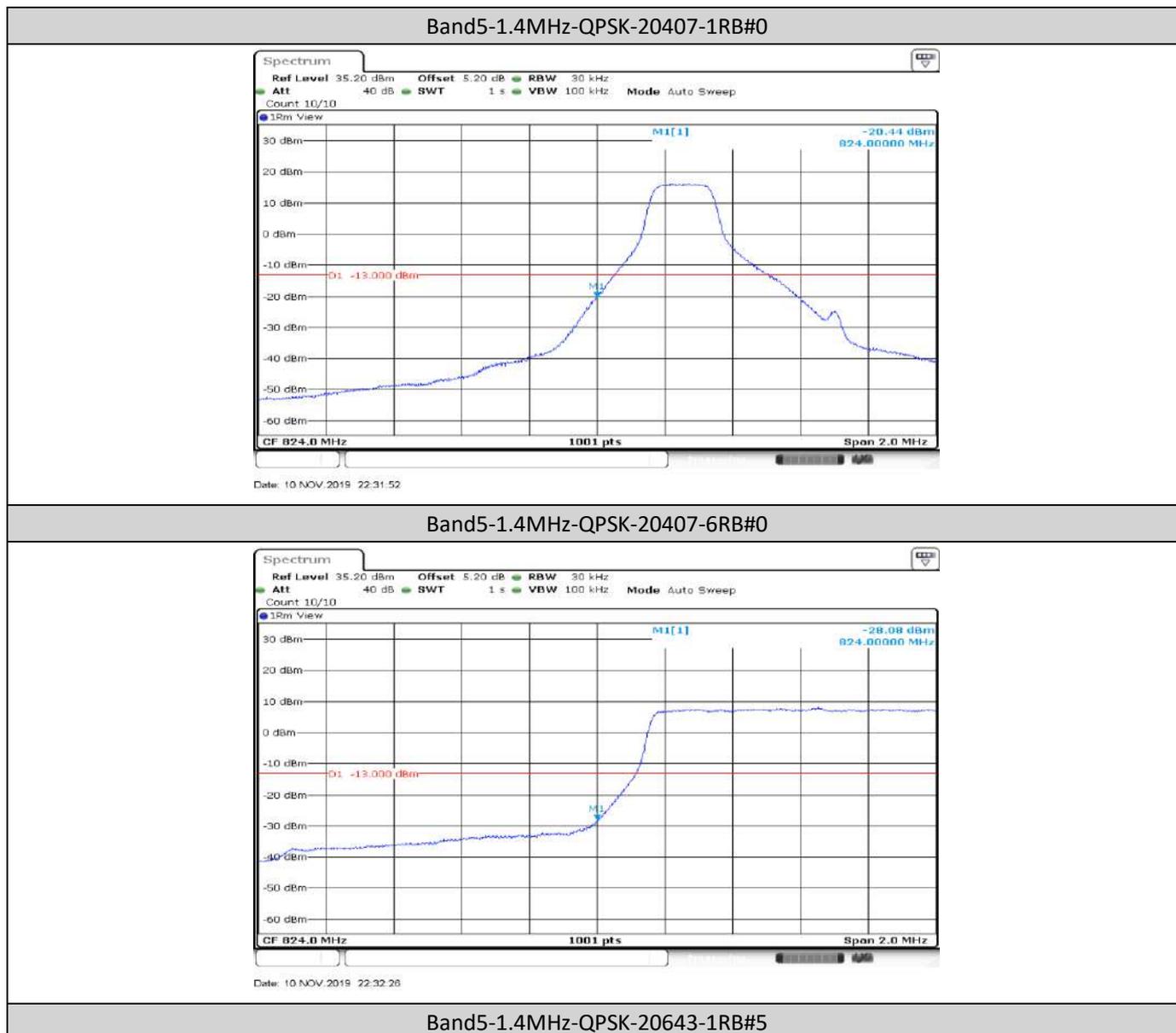
Date: 10.NOV.2019 22:30:09



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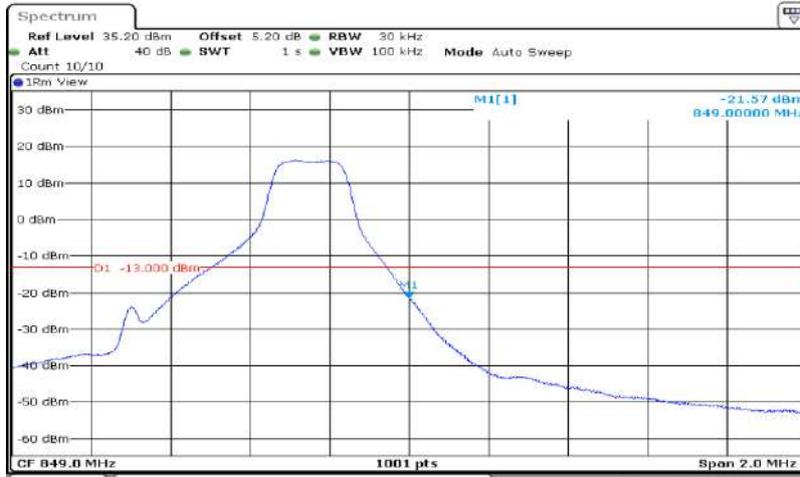
5. Band Edge Compliance

5.1. Test Plots



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Date: 10.NOV.2019 22:34:12

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

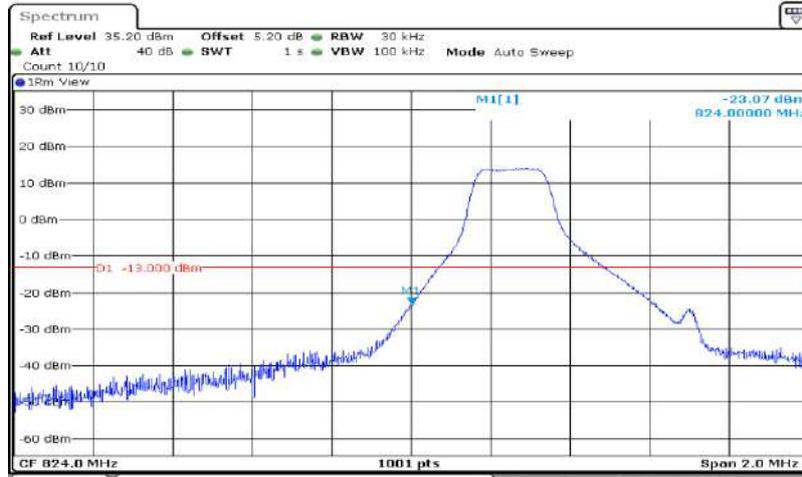


Date: 10.NOV.2019 22:34:47

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

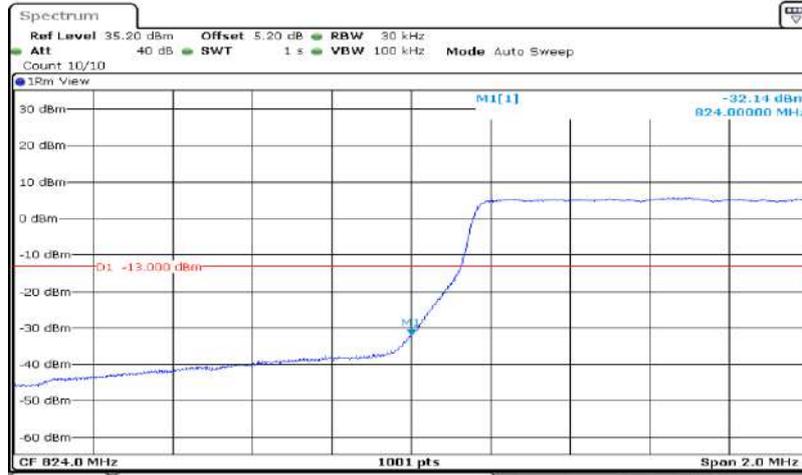


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Date: 26 NOV 2019 19:10:40

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



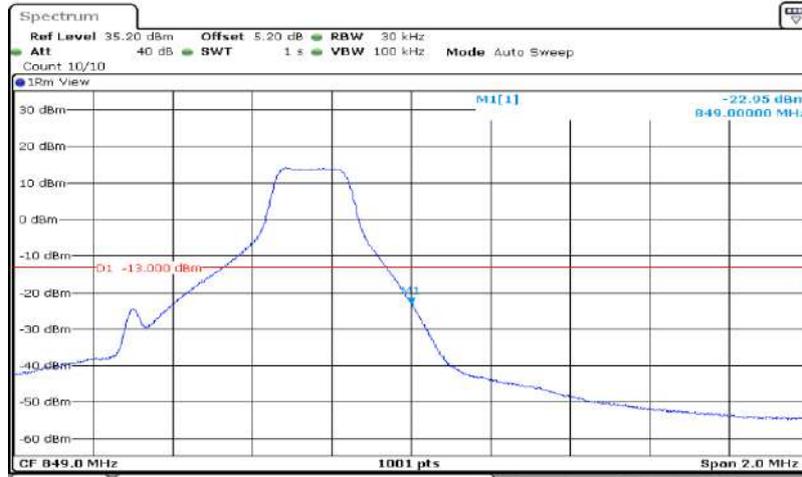
Date: 26 NOV 2019 19:10:59

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



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Date: 26 NOV 2019 15:11:23

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

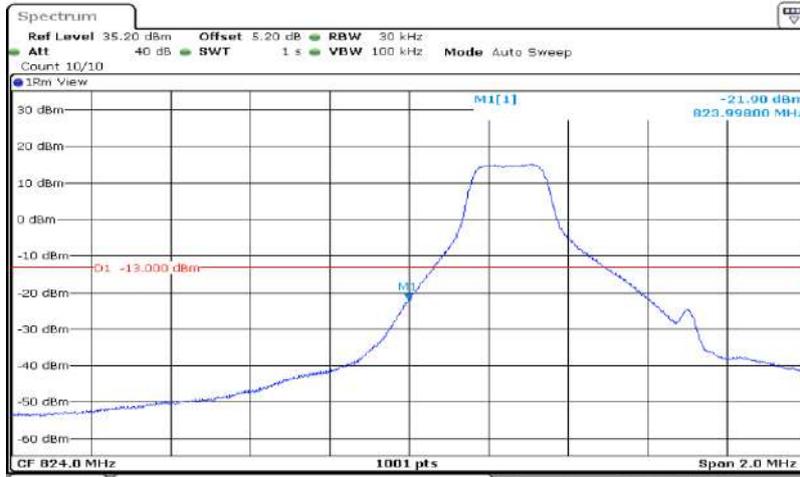


Date: 26 NOV 2019 15:11:43

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

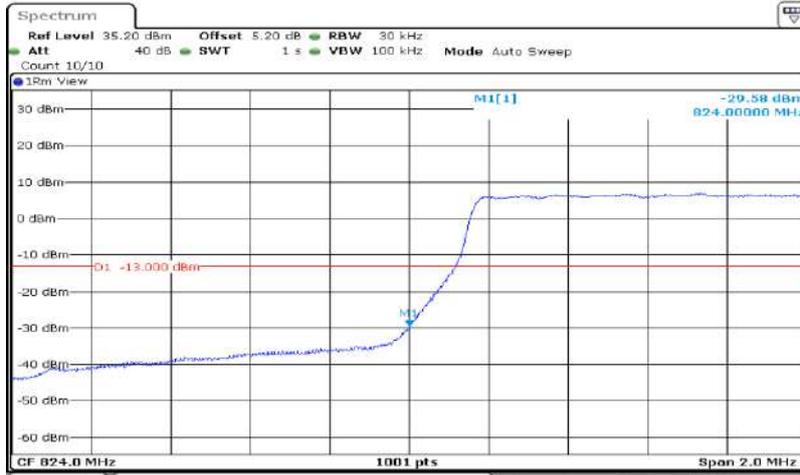


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Date: 10.NOV.2019 22:32:09

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



Date: 10.NOV.2019 22:32:43

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



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Date: 10.NOV.2019 22:34:30

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

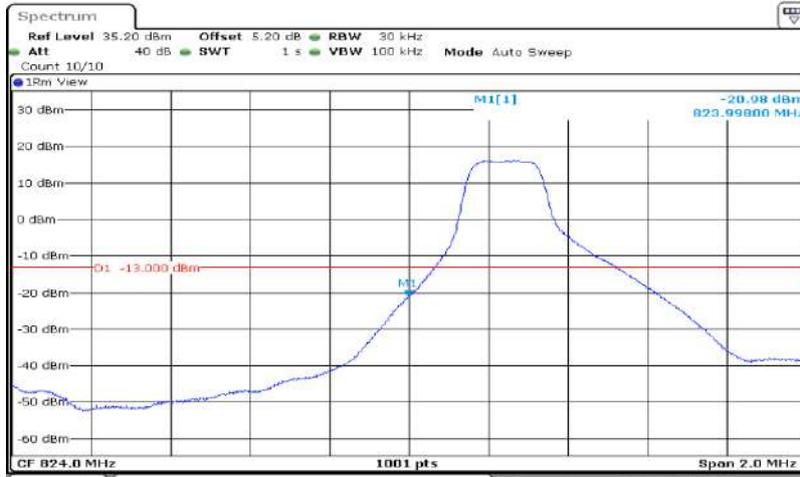


Date: 10.NOV.2019 22:35:04

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



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Date: 10.NOV.2019 22:36:48

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



Date: 10.NOV.2019 22:37:22

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

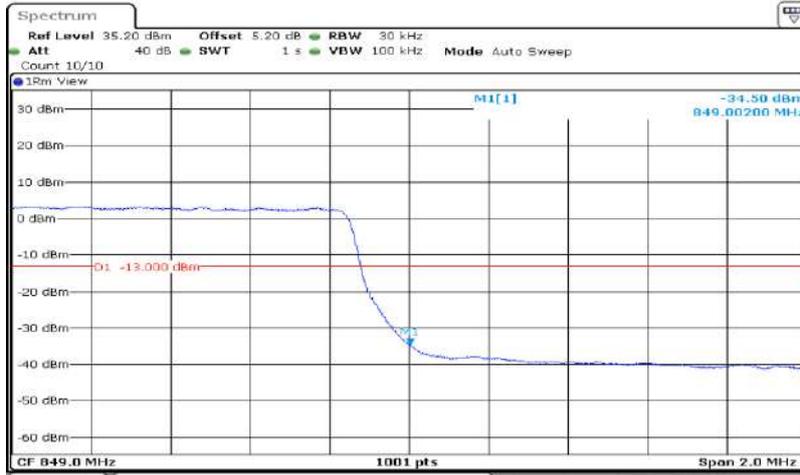


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Date: 10.NOV.2019 22:38:02

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

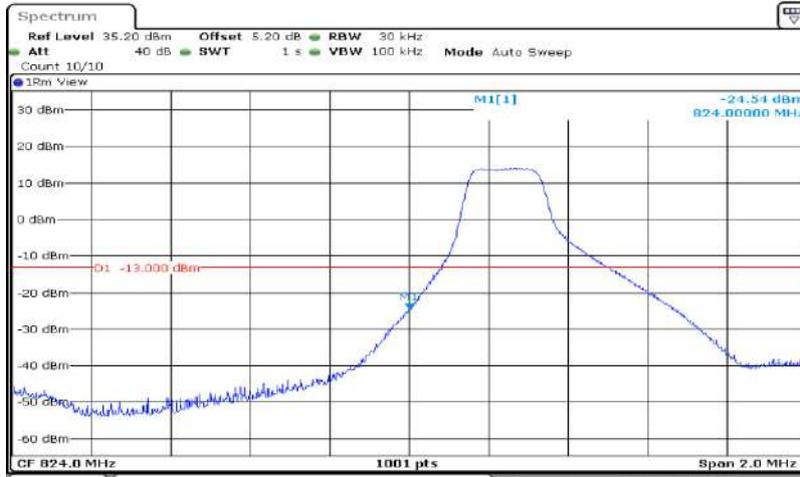


Date: 10.NOV.2019 22:38:36

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

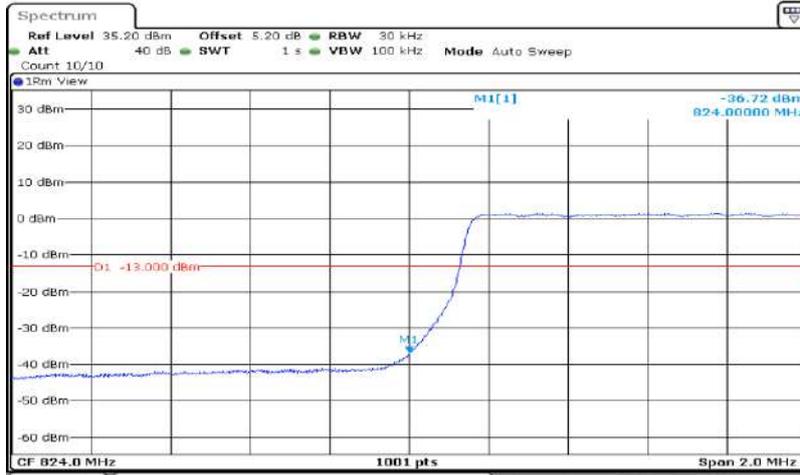


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Date: 26 NOV 2019 19:12:06

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



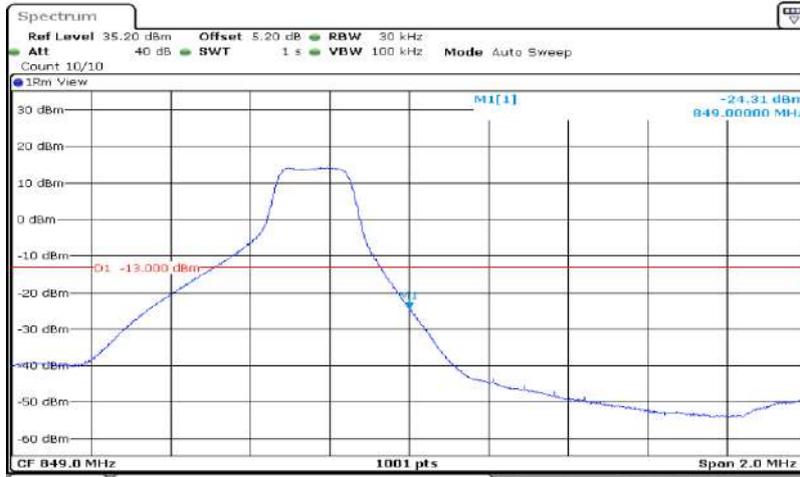
Date: 26 NOV 2019 19:12:27

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



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Date: 26 NOV 2019 19:12:51

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

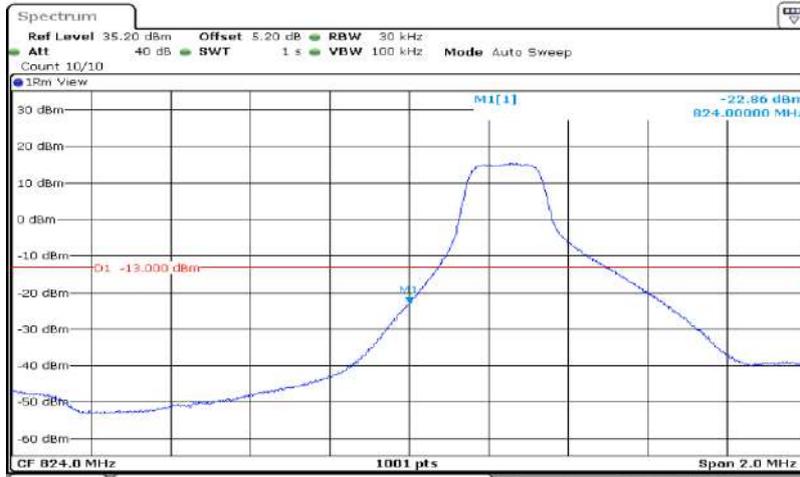


Date: 26 NOV 2019 19:13:11

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



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Date: 10.NOV.2019 22:37:05

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

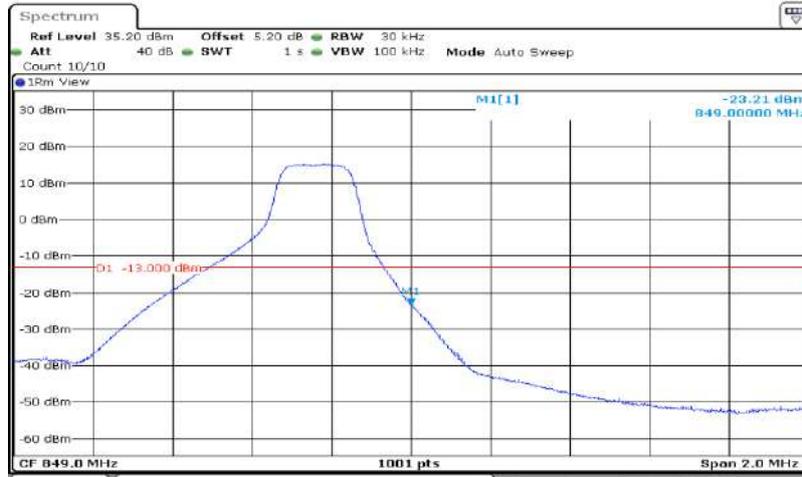


Date: 10.NOV.2019 22:37:39

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



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Date: 10.NOV.2019 22:38:19

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



Date: 10.NOV.2019 22:38:52

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



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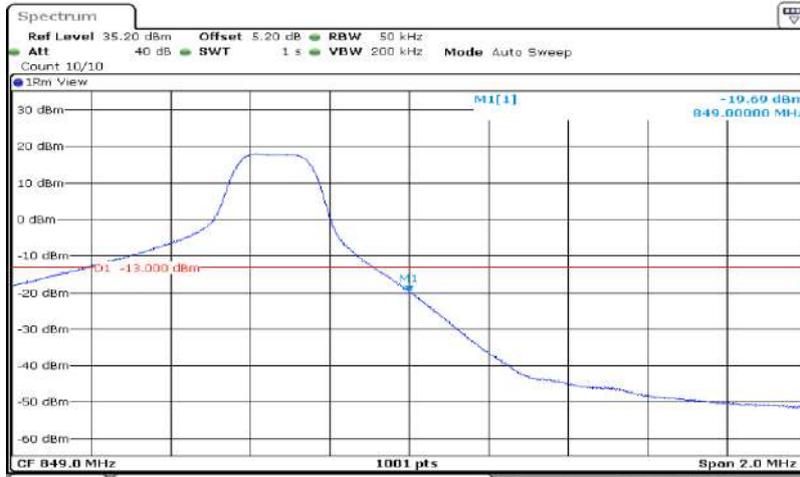
Band5-5MHz-QPSK-20425-25RB#0



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

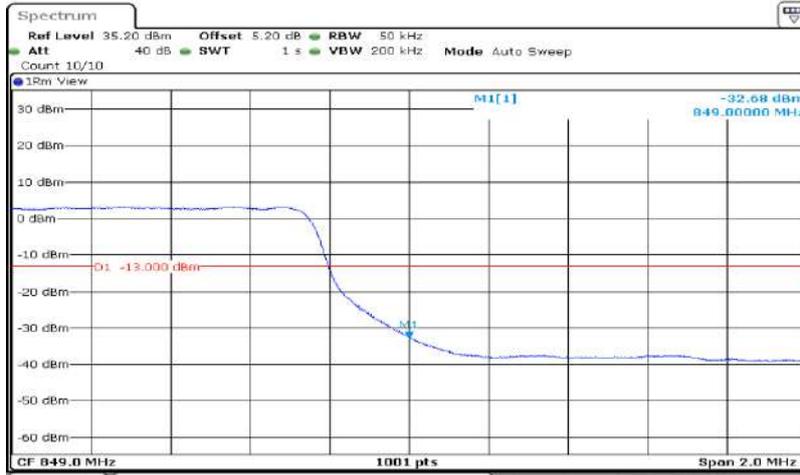


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Date: 10.NOV.2019 22:41:50

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

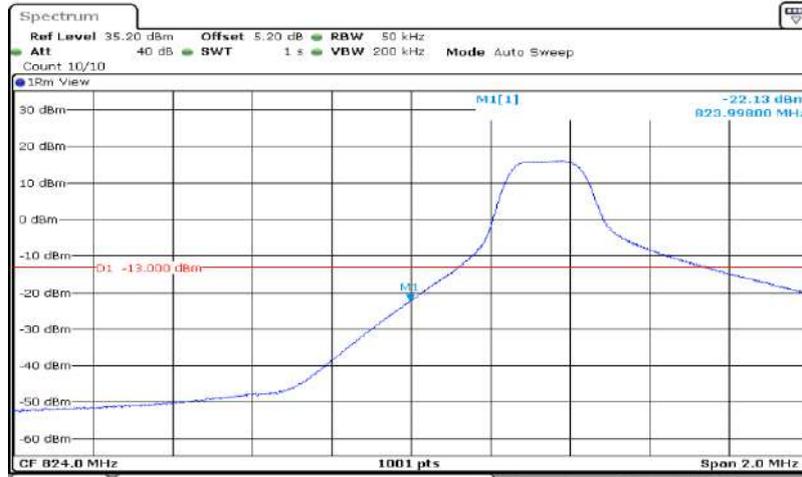


Date: 10.NOV.2019 22:42:25

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



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Date: 26 NOV 2019 19:13:35

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



Date: 26 NOV 2019 19:13:55

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

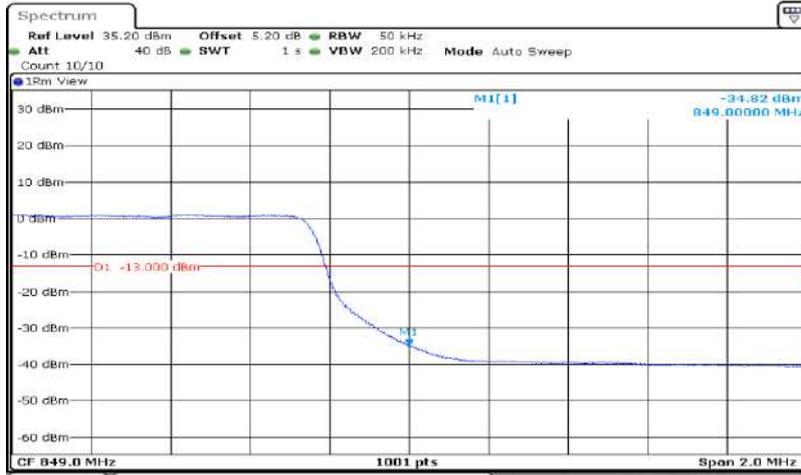


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Date: 26 NOV 2019 15:14:19

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

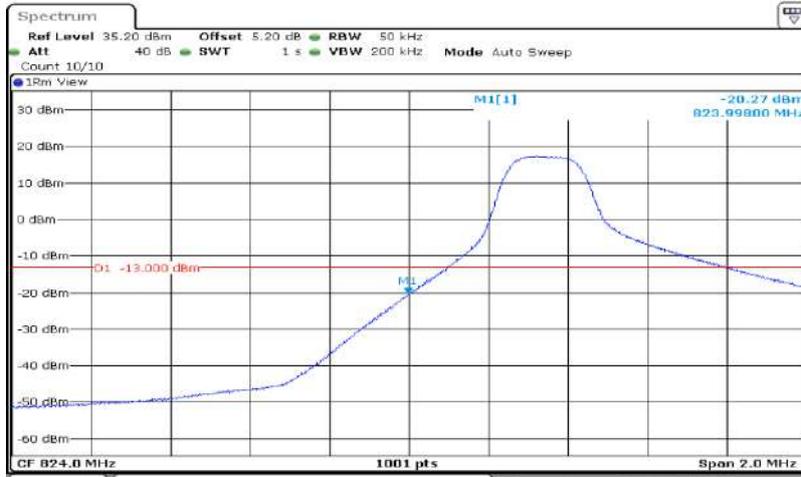


Date: 26 NOV 2019 15:14:38

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



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Date: 10.NOV.2019 22:40:53

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



Date: 10.NOV.2019 22:41:27

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



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Date: 10.NOV.2019 22:42:07

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

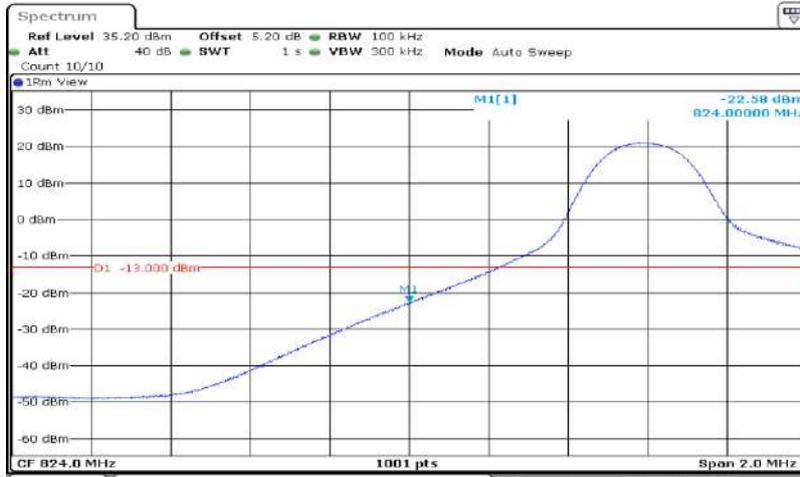


Date: 10.NOV.2019 22:42:41

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



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Date: 10.NOV.2019 22:45:18

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

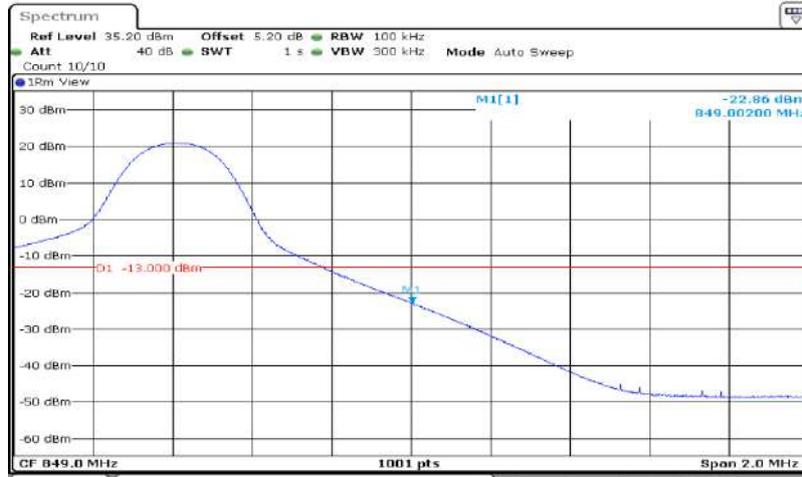


Date: 10.NOV.2019 22:45:53

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



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Date: 10.NOV.2019 22:46:33

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



Date: 10.NOV.2019 22:47:06

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



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Date: 26 NOV 2019 15:15:03

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

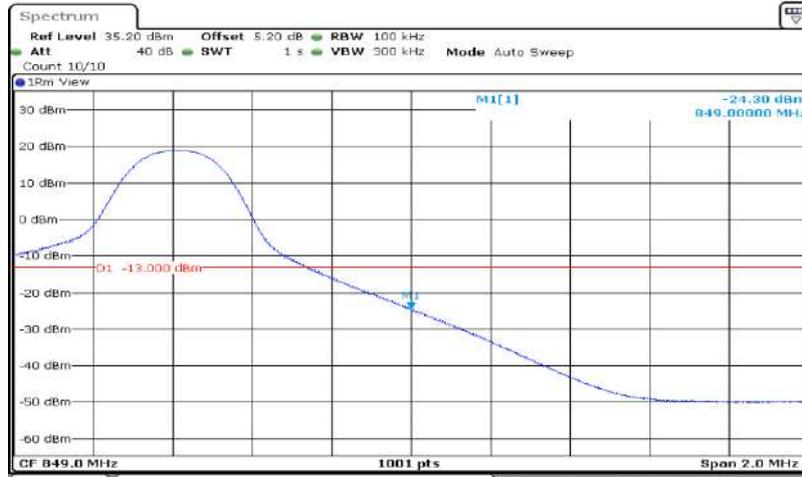


Date: 26 NOV 2019 15:15:22

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



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Date: 26 NOV 2019 19:15:46

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



Date: 26 NOV 2019 19:16:06

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



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Date: 10.NOV.2019 22:45:35

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

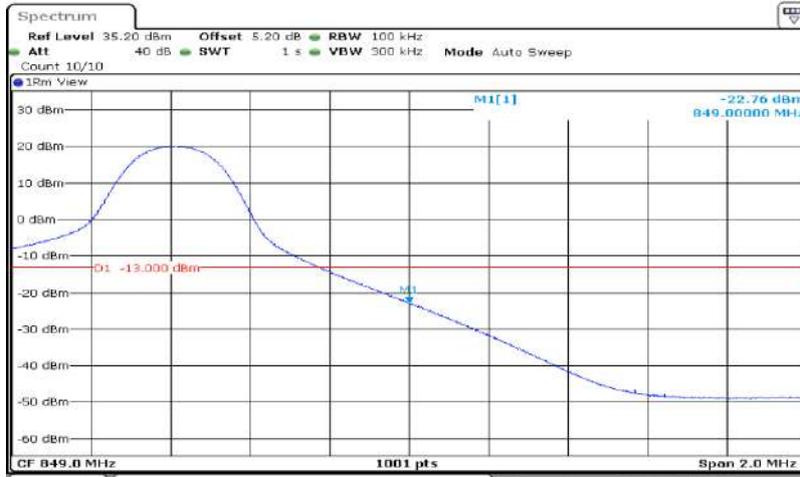


Date: 10.NOV.2019 22:46:10

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



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Date: 10.NOV.2019 22:46:50

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



Date: 10.NOV.2019 22:47:25



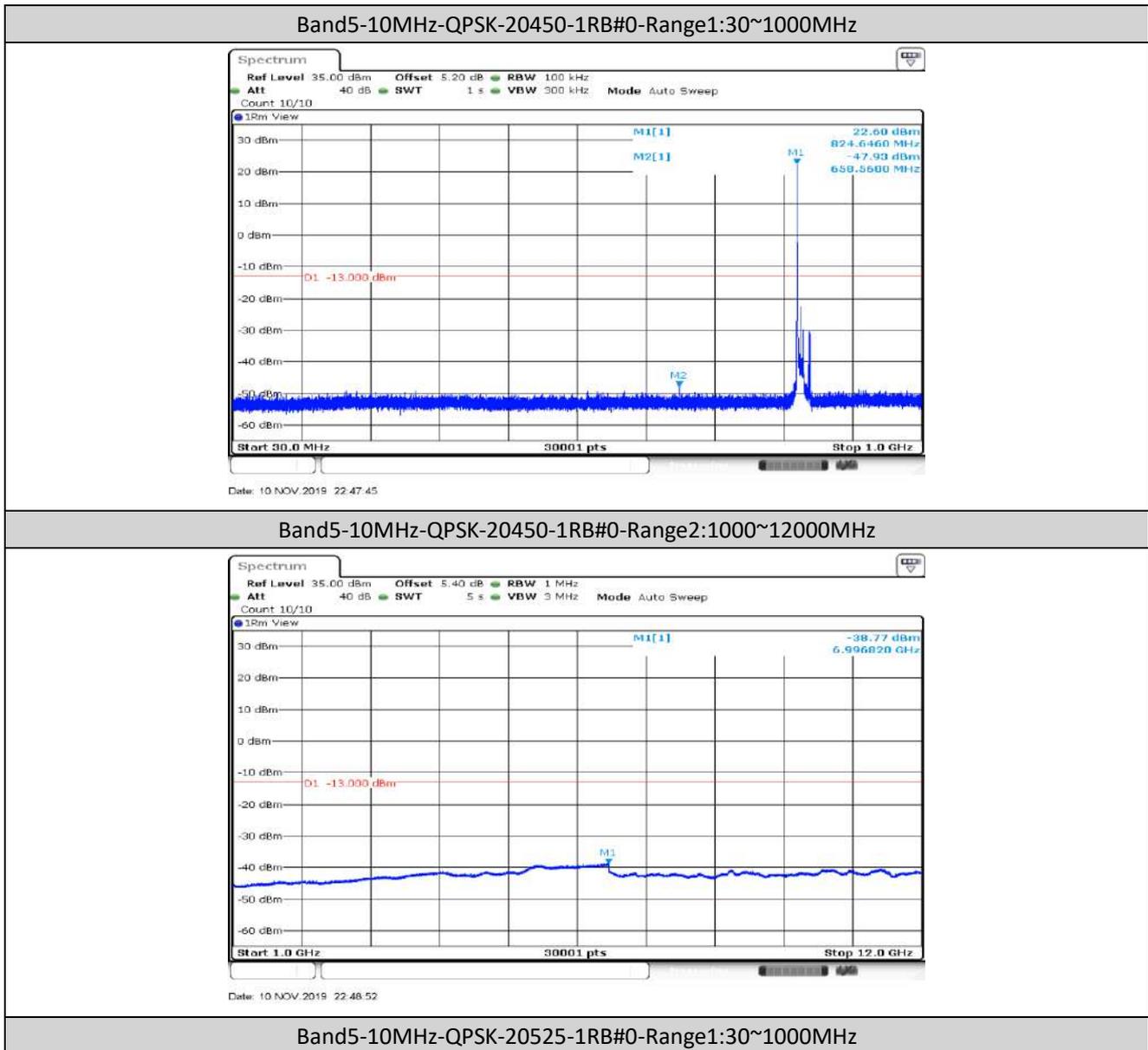
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6. Spurious Emission at Antenna Terminal

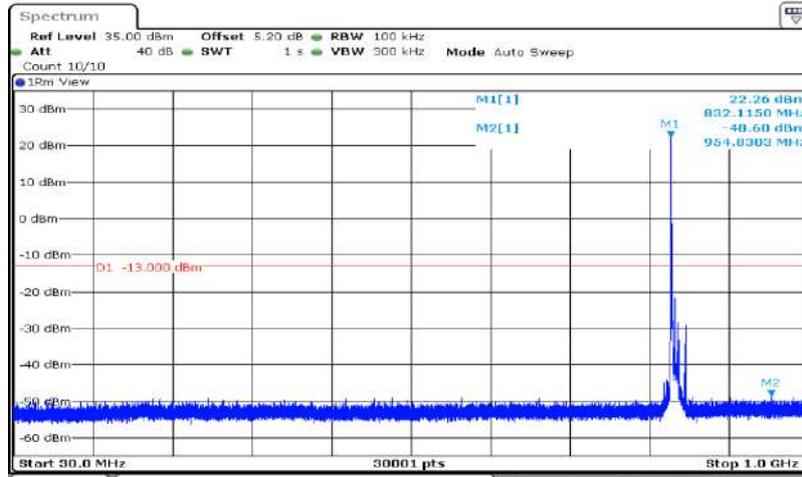
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =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

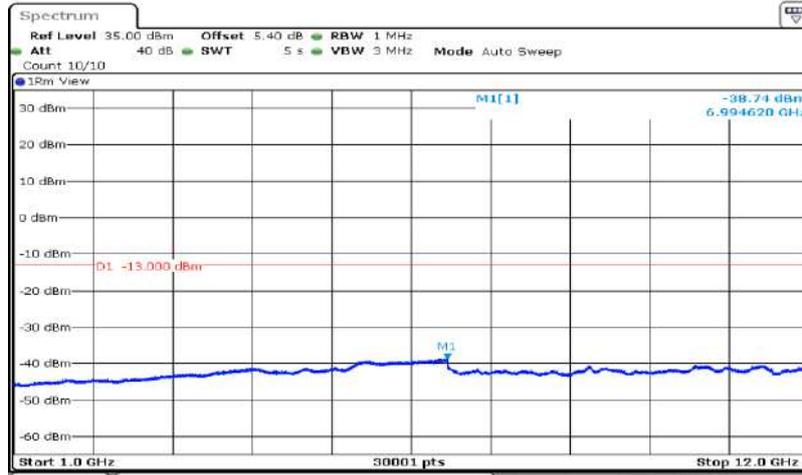


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Date: 10.NOV.2019 22:50:35

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

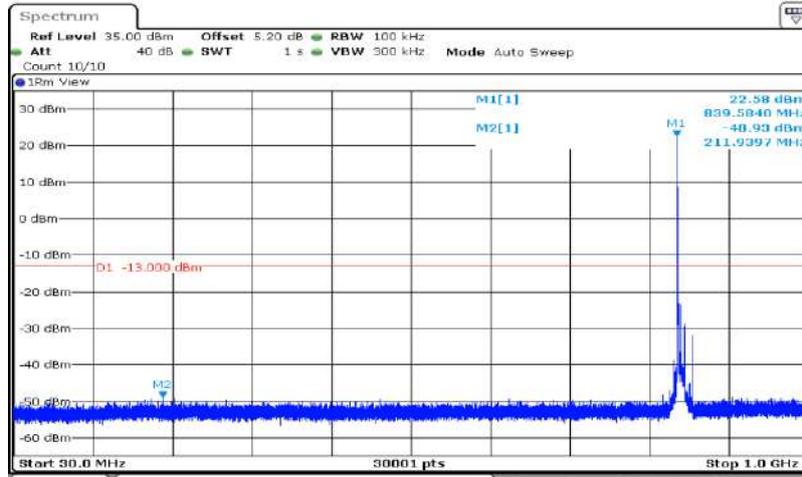


Date: 10.NOV.2019 22:51:42

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

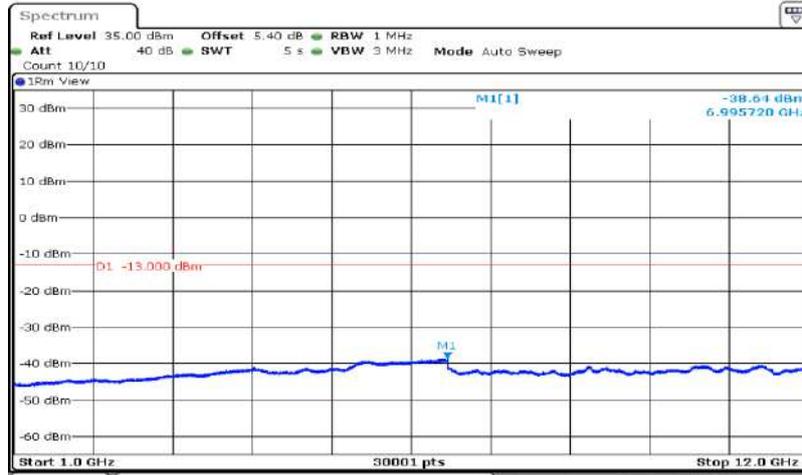


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Date: 10.NOV.2019 23:09:20

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

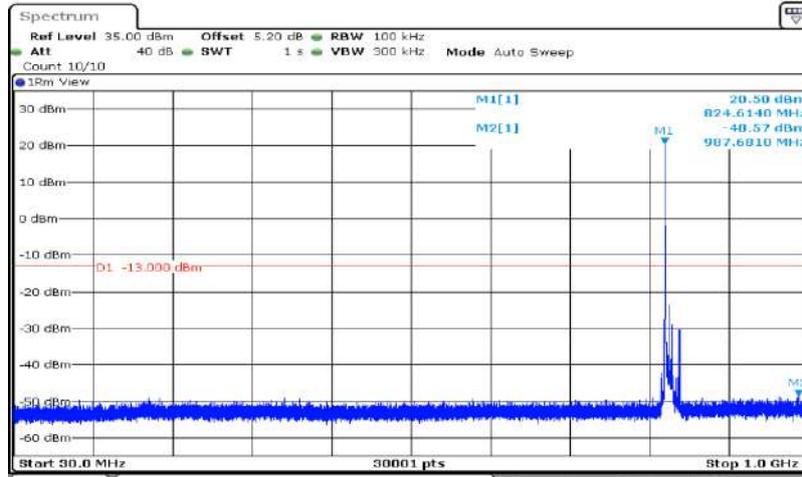


Date: 10.NOV.2019 23:10:27

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

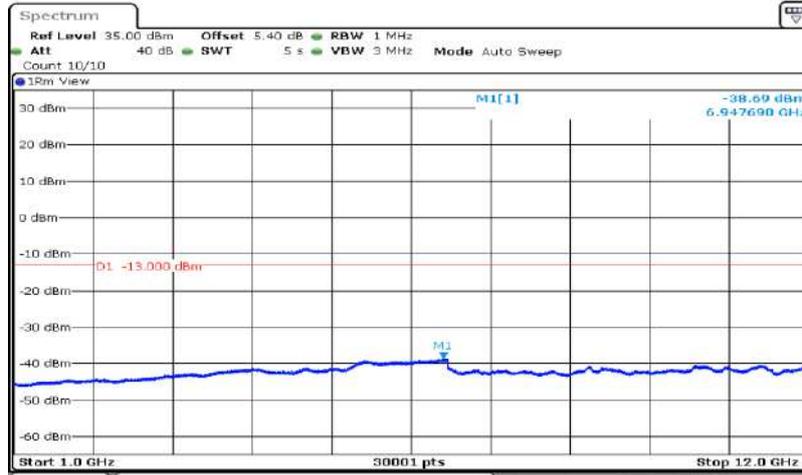


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Date: 26 NOV 2019 19:16:30

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



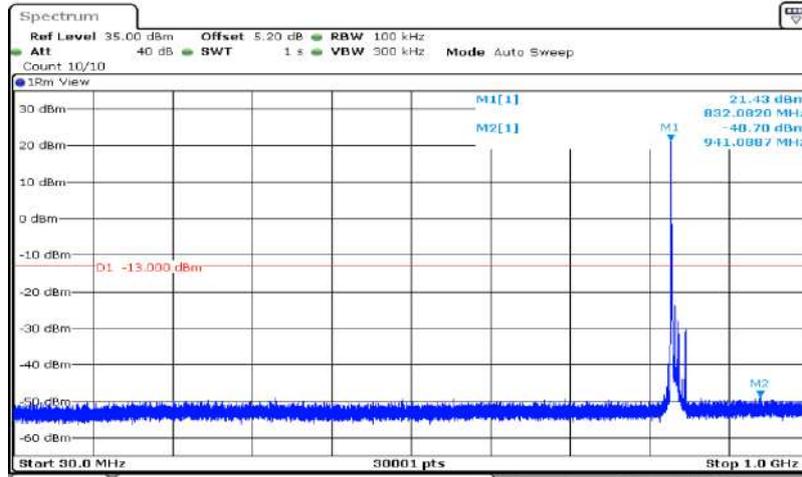
Date: 26 NOV 2019 19:17:37

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



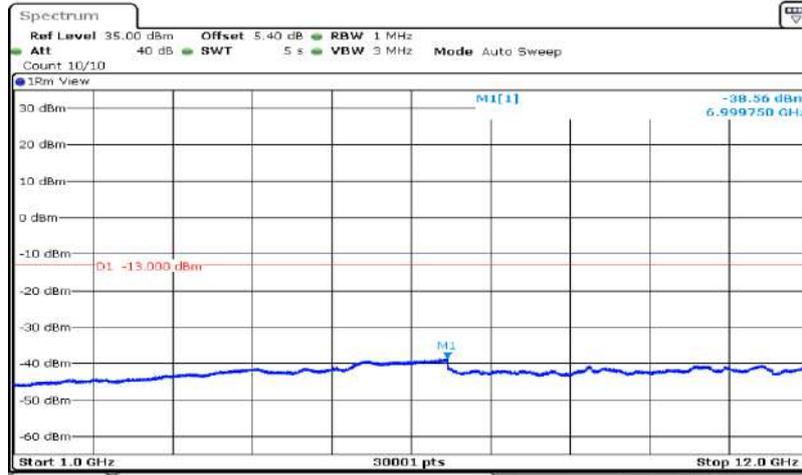
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Date: 26 NOV 2019 19:17:57

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

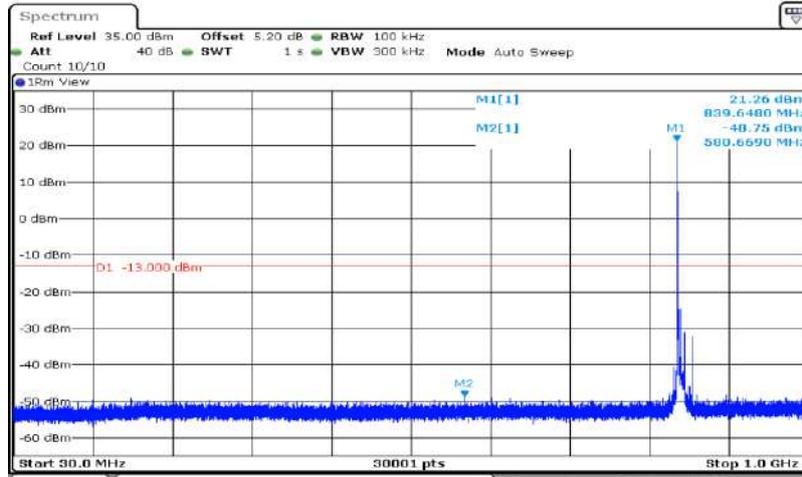


Date: 26 NOV 2019 19:19:04

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

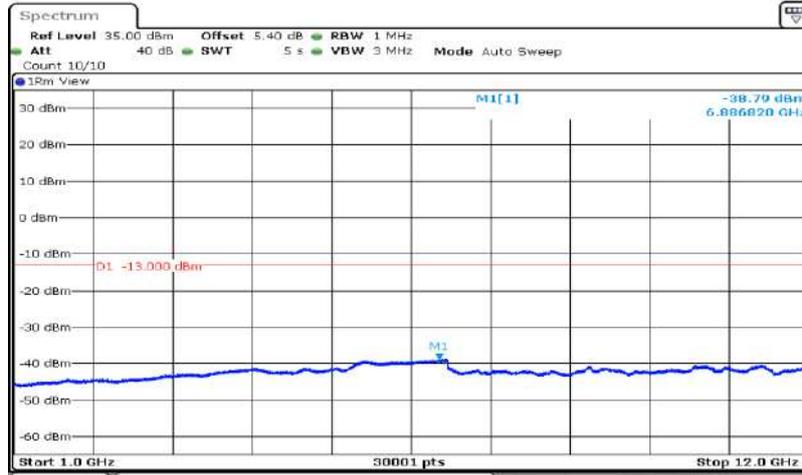


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Date: 26 NOV 2019 19:19:24

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

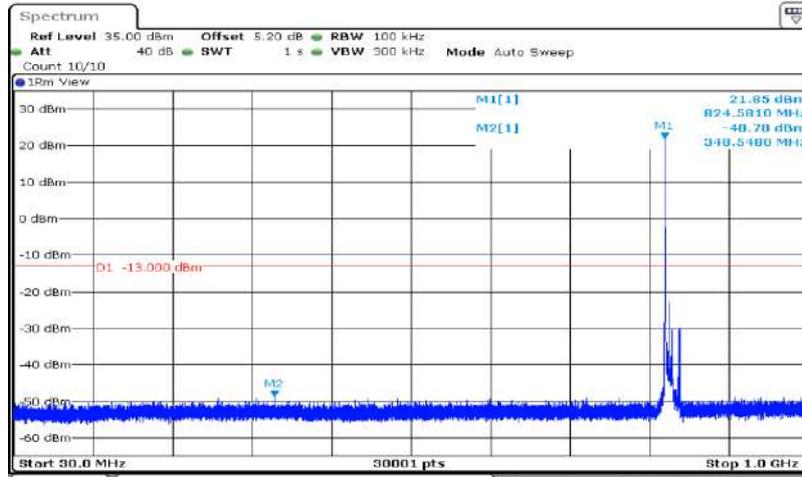


Date: 26 NOV 2019 19:20:31

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

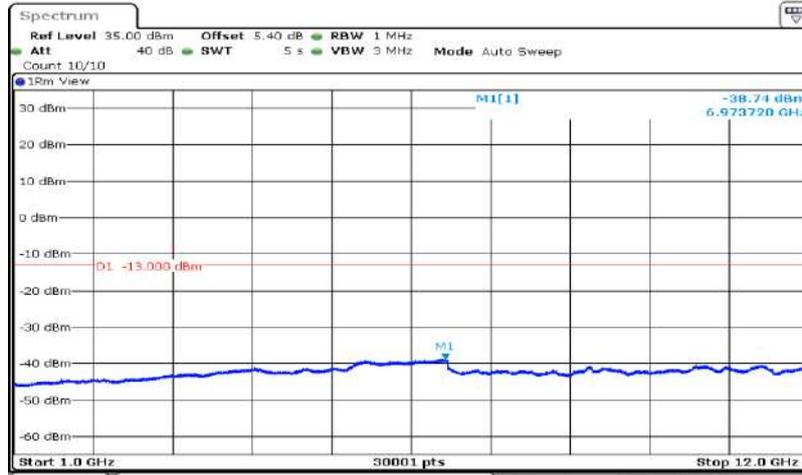


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Date: 10.NOV.2019 22:49:09

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

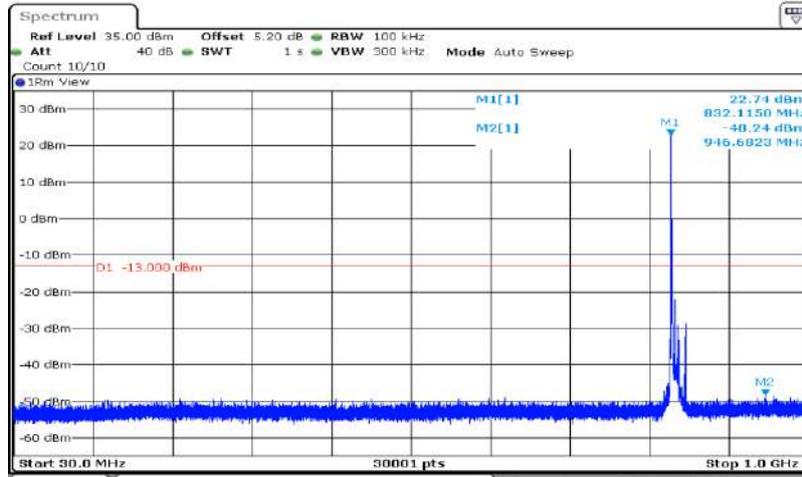


Date: 10.NOV.2019 22:50:16

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

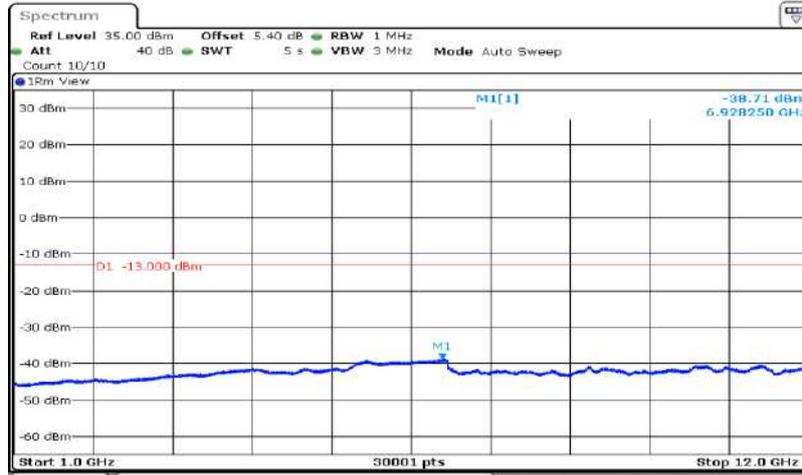


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Date: 10.NOV.2019 22:51:59

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

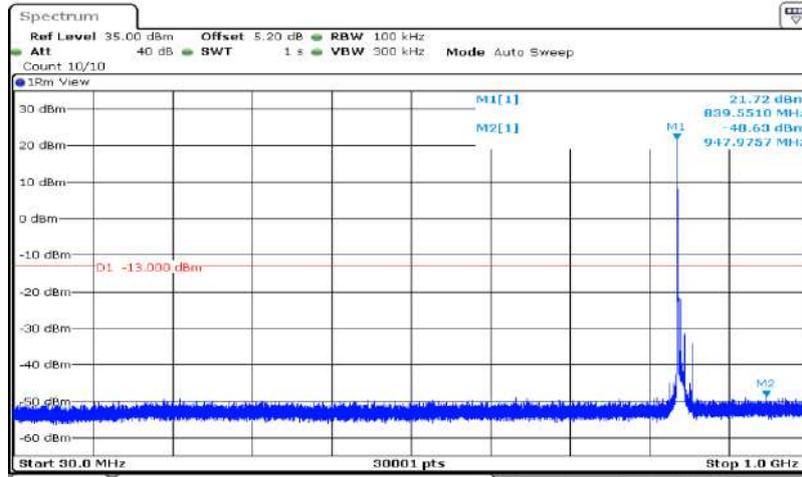


Date: 10.NOV.2019 22:53:06

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

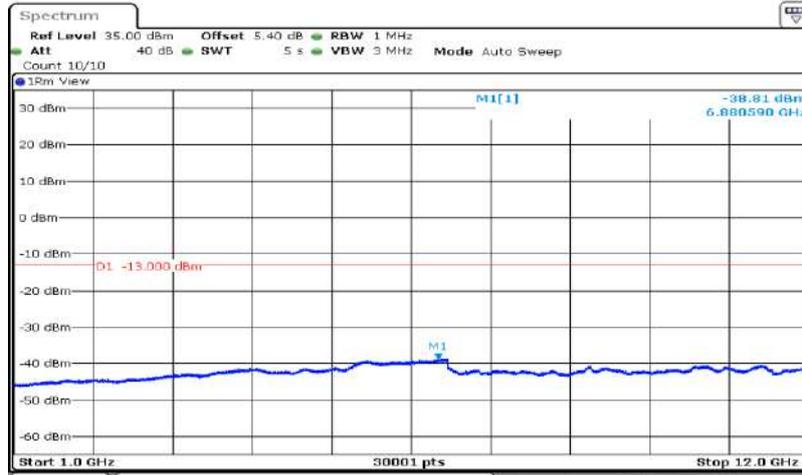


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Date: 10.NOV.2019 23:10:44

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



Date: 10.NOV.2019 23:11:51



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height (cm)	Angle (°)	Polarization
48.5279	-70.27	-13.00	57.27	258	291	Vertical
109.8350	-62.38	-13.00	49.38	154	355	Vertical
380.8180	-65.71	-13.00	52.71	185	355	Vertical
1664.1328	-58.99	-13.00	45.99	213	188	Vertical
2581.5163	-56.58	-13.00	43.58	262	301	Vertical
7381.3460	-52.64	-13.00	39.64	251	4	Vertical
38.4879	-62.25	-13.00	49.25	258	291	Horizontal
229.0540	-65.46	-13.00	52.46	154	355	Horizontal
581.4726	-59.93	-13.00	46.93	185	355	Horizontal
1664.1328	-60.94	-13.00	47.94	213	188	Horizontal
2496.2993	-48.74	-13.00	35.74	262	301	Horizontal
8013.3671	-53.31	-13.00	40.31	251	4	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height (cm)	Angle (°)	Polarization
66.6678	-66.36	-13.00	53.36	258	195	Vertical
110.1745	-62.25	-13.00	49.25	241	322	Vertical
429.4175	-65.21	-13.00	52.21	196	67	Vertical
1648.9298	-51.16	-13.00	38.16	213	219	Vertical
2473.8948	-50.07	-13.00	37.07	261	200	Vertical
8770.1923	-52.10	-13.00	39.10	215	100	Vertical
44.8417	-62.36	-13.00	49.36	215	293	Horizontal
229.9270	-64.93	-13.00	51.93	196	36	Horizontal
610.5740	-60.62	-13.00	47.62	213	324	Horizontal
1649.3299	-56.67	-13.00	43.67	261	163	Horizontal
2473.8948	-50.31	-13.00	37.31	184	348	Horizontal
8909.5970	-51.66	-13.00	38.66	194	100	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height (cm)	Angle (°)	Polarization
51.8746	-70.11	-13.00	57.11	215	293	Vertical
110.7565	-62.54	-13.00	49.54	196	36	Vertical
370.4870	-65.85	-13.00	52.85	213	324	Vertical
1679.3359	-52.05	-13.00	39.05	261	163	Vertical
2519.1038	-50.43	-13.00	37.43	184	348	Vertical
7381.1460	-52.57	-13.00	39.57	194	100	Vertical
40.6220	-63.06	-13.00	50.06	251	353	Horizontal
237.5904	-65.22	-13.00	52.22	196	258	Horizontal
577.3499	-61.43	-13.00	48.43	231	163	Horizontal
1678.9358	-56.45	-13.00	43.45	226	168	Horizontal
2518.7037	-53.25	-13.00	40.25	248	133	Horizontal
8785.9929	-51.81	-13.00	38.81	199	99	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	-14.42	-0.017394	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-12.13	-0.014632	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-9.47	-0.011423	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-11.56	-0.013819	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-11.69	-0.013975	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-10.89	-0.013019	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-11.73	-0.013898	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-13.52	-0.016019	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-8.61	-0.010201	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VL	NT	-6.10	-0.007358	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VN	NT	-4.90	-0.005911	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VH	NT	-7.80	-0.009409	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VL	NT	-2.50	-0.002989	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VN	NT	-7.20	-0.008607	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VH	NT	-10.00	-0.011955	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VL	NT	-9.30	-0.011019	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VN	NT	-8.10	-0.009597	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VH	NT	-12.90	-0.015284	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	-13.60	-0.016405	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-12.19	-0.014704	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-13.35	-0.016104	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-10.71	-0.012803	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-11.19	-0.013377	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-9.64	-0.011524	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-11.62	-0.013768	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-7.45	-0.008827	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-13.76	-0.016303	±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	-12.67	-0.015283	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-12.80	-0.015440	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-9.47	-0.011423	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-12.95	-0.015621	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-15.39	-0.018565	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-15.06	-0.018166	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-14.69	-0.017720	±2.5	PASS



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Band5	10MHz	QPSK	20450	50RB#0	NV	50	-10.40	-0.012545	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-13.40	-0.016019	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-10.79	-0.012899	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-6.24	-0.007460	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-12.02	-0.014369	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-8.13	-0.009719	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-12.16	-0.014537	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-10.80	-0.012911	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-11.66	-0.013939	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-10.60	-0.012559	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-11.29	-0.013377	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-12.80	-0.015166	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-9.77	-0.011576	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-13.43	-0.015912	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	-10.10	-0.011967	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-9.37	-0.011102	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-8.54	-0.010118	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-30	-2.80	-0.003378	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-20	-9.70	-0.011701	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	0	-8.20	-0.009891	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	10	-8.50	-0.010253	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	20	-1.00	-0.001206	±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	40	-5.70	-0.006876	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	50	-10.80	-0.013028	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-30	-9.70	-0.011596	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-20	-6.90	-0.008249	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	0	-0.30	-0.000359	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	10	-2.60	-0.003108	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	20	-5.20	-0.006216	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	30	-6.00	-0.007173	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	40	-6.40	-0.007651	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	50	-6.40	-0.007651	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-30	-4.10	-0.004858	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-20	-7.60	-0.009005	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	0	-8.10	-0.009597	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	10	-12.20	-0.014455	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	20	0.00	0.000000	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	30	-6.90	-0.008175	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	40	-10.00	-0.011848	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	50	-8.10	-0.009597	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-11.04	-0.013317	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	-11.06	-0.013341	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-8.70	-0.010495	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-11.24	-0.013559	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	-13.59	-0.016393	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	-10.29	-0.012413	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	-9.94	-0.011990	±2.5	PASS



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Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-9.04	-0.010807	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	-11.56	-0.013819	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	-7.82	-0.009348	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-5.75	-0.006874	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-7.58	-0.009062	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-11.04	-0.013198	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	-10.33	-0.012349	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	-4.65	-0.005559	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	-12.52	-0.014834	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-10.47	-0.012405	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-10.54	-0.012488	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	-11.34	-0.013436	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-14.78	-0.017512	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	-11.76	-0.013934	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	-12.19	-0.014443	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	-8.67	-0.010273	±2.5	PASS



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