



Appendix B

E-UTRA Band 4



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT1:

Band	Bandwidth h	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.50	23.2	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.63	23.33	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.58	23.28	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.79	23.49	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.66	23.36	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.76	23.46	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.77	22.47	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	24.00	23.7	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.70	23.4	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.47	23.17	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.71	23.41	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.77	23.47	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.79	23.49	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.71	22.41	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.96	23.66	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.92	23.62	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.92	23.62	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	23.72	23.42	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.86	23.56	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.74	23.44	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	23.10	22.8	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	21.96	21.66	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	22.03	21.73	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	21.94	21.64	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	22.01	21.71	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	21.99	21.69	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	21.96	21.66	30.00	PASS



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Band4	1.4MHz	64QAM	19957	6RB#0	21.24	20.94	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	22.00	21.7	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	21.87	21.57	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	21.86	21.56	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	21.97	21.67	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	22.03	21.73	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	21.86	21.56	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	21.89	21.59	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	22.08	21.78	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	21.86	21.56	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	21.89	21.59	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	21.89	21.59	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	21.92	21.62	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	22.06	21.76	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	21.39	21.09	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.98	22.68	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.90	22.6	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.76	22.46	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.64	22.34	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	22.79	22.49	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	23.09	22.79	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.70	21.4	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	23.16	22.86	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.79	22.49	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.86	22.56	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	22.87	22.57	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	22.68	22.38	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.89	22.59	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.71	21.41	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	23.26	22.96	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	23.37	23.07	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.94	22.64	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	22.89	22.59	30.00	PASS



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Band4	1.4MHz	16QAM	20393	3RB#1	22.83	22.53	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.86	22.56	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.95	21.65	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.56	23.26	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.65	23.35	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.61	23.31	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.74	22.44	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.64	22.34	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.73	22.43	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.81	22.51	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	24.01	23.71	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.70	23.4	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.52	23.22	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.71	22.41	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.72	22.42	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.80	22.5	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.70	22.4	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.90	23.6	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.93	23.63	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.85	23.55	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.74	22.44	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.94	22.64	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.77	22.47	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	23.11	22.81	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	21.85	21.55	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	22.08	21.78	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	21.95	21.65	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#0	21.95	21.65	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#4	20.75	20.45	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#7	21.83	21.53	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	20.88	20.58	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	22.05	21.75	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	22.05	21.75	30.00	PASS



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Band4	3MHz	64QAM	20175	1RB#8	21.96	21.66	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#7	20.94	20.64	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#0	21.49	21.19	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#4	21.05	20.75	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	21.41	21.11	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	21.88	21.58	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	22.05	21.75	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	22.00	21.7	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#7	21.23	20.93	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#0	21.96	21.66	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#4	20.78	20.48	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	21.40	21.1	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.93	22.63	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.90	22.6	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.78	22.48	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.60	21.3	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.76	21.46	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	22.01	21.71	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.62	21.32	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	23.10	22.8	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.84	22.54	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.87	22.57	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.88	21.58	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.69	21.39	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.99	21.69	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.70	21.4	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	23.30	23	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	23.35	23.05	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.96	22.66	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.87	21.57	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.89	21.59	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.91	21.61	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.90	21.6	30.00	PASS



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Band4	5MHz	QPSK	19975	1RB#12	23.63	23.33	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.77	23.47	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.67	23.37	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.84	22.54	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.77	22.47	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.82	22.52	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.89	22.59	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	24.09	23.79	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.79	23.49	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.62	23.32	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.86	22.56	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.83	22.53	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.88	22.58	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.84	22.54	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	24.02	23.72	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	24.02	23.72	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.97	23.67	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.87	22.57	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.99	22.69	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.87	22.57	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	23.22	22.92	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	22.05	21.75	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	22.04	21.74	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	21.89	21.59	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#13	21.49	21.19	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#6	21.87	21.57	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#0	20.77	20.47	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	20.96	20.66	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	21.94	21.64	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	21.92	21.62	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	21.86	21.56	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#6	21.73	21.43	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#13	21.11	20.81	30.00	PASS



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Band4	5MHz	64QAM	20175	12RB#0	21.04	20.74	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	21.34	21.04	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	21.95	21.65	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	21.93	21.63	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	21.85	21.55	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#0	21.79	21.49	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#6	21.67	21.37	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#13	20.89	20.59	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	21.63	21.33	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	23.03	22.73	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	23.00	22.7	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.89	22.59	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.74	21.44	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.87	21.57	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.95	21.65	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.77	21.47	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	23.24	22.94	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.94	22.64	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	23.00	22.7	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.97	21.67	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.82	21.52	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	22.04	21.74	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.85	21.55	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	23.36	23.06	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	23.50	23.2	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	23.04	22.74	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.95	21.65	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.95	21.65	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.99	21.69	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	22.04	21.74	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.97	23.67	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.92	23.62	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.74	23.44	30.00	PASS



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Band4	10MHz	QPSK	20000	25RB#0	22.74	22.44	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.96	22.66	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.91	22.61	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.97	22.67	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.59	23.29	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.96	23.66	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	24.07	23.77	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.89	22.59	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.84	22.54	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	23.02	22.72	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.93	22.63	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.78	23.48	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	24.00	23.7	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	24.03	23.73	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.91	22.61	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	23.02	22.72	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.94	22.64	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	23.03	22.73	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	22.01	21.71	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	21.92	21.62	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	22.00	21.7	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#12	21.32	21.02	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#25	21.98	21.68	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#0	21.53	21.23	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	21.83	21.53	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	21.96	21.66	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	21.98	21.68	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	22.04	21.74	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#12	20.97	20.67	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#25	21.90	21.6	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#0	21.95	21.65	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	21.42	21.12	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	21.87	21.57	30.00	PASS



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Band4	10MHz	64QAM	20350	1RB#0	21.97	21.67	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	22.01	21.71	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#0	21.88	21.58	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#12	21.97	21.67	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#25	21.03	20.73	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	20.81	20.51	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	23.26	22.96	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.77	22.47	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.73	22.43	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.90	21.6	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.94	21.64	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	22.05	21.75	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.95	21.65	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.75	22.45	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.89	22.59	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	23.28	22.98	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.87	21.57	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.95	21.65	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.94	21.64	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.92	21.62	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	23.08	22.78	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	23.15	22.85	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	23.13	22.83	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.94	21.64	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	22.01	21.71	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	22.07	21.77	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	22.01	21.71	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.74	23.44	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.68	23.38	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.68	23.38	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#0	22.85	22.55	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#39	22.75	22.45	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#18	22.75	22.45	30.00	PASS



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Band4	15MHz	QPSK	20025	75RB#0	22.91	22.61	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.68	23.38	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.66	23.36	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.70	23.4	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#18	22.90	22.6	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#39	22.77	22.47	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#0	22.81	22.51	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.82	22.52	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.84	23.54	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.72	23.42	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.79	23.49	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#0	22.77	22.47	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#39	22.86	22.56	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#18	22.95	22.65	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.84	22.54	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	21.91	21.61	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	21.90	21.6	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	22.05	21.75	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#0	21.60	21.3	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#18	21.93	21.63	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#39	21.97	21.67	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	21.98	21.68	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	21.98	21.68	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	22.00	21.7	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	21.98	21.68	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#18	21.54	21.24	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#0	20.91	20.61	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#39	21.04	20.74	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	21.58	21.28	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	21.88	21.58	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	22.04	21.74	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	22.04	21.74	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#18	21.63	21.33	30.00	PASS



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Band4	15MHz	64QAM	20325	36RB#0	20.84	20.54	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#39	21.23	20.93	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	21.02	20.72	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	23.12	22.82	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.81	22.51	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	23.18	22.88	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#0	21.83	21.53	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#18	21.91	21.61	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#39	21.80	21.5	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.87	21.57	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.82	22.52	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.88	22.58	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.73	22.43	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#0	21.77	21.47	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#18	21.76	21.46	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#39	21.88	21.58	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.69	21.39	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	23.05	22.75	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	23.08	22.78	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.87	22.57	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#39	21.87	21.57	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#0	21.79	21.49	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#18	21.83	21.53	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.83	21.53	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	24.03	23.73	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	24.03	23.73	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.88	23.58	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	23.09	22.79	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	23.20	22.9	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	23.25	22.95	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	23.21	22.91	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	24.02	23.72	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	24.02	23.72	30.00	PASS



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Band4	20MHz	QPSK	20175	1RB#99	23.91	23.61	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	23.12	22.82	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	23.03	22.73	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	23.17	22.87	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	23.07	22.77	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	24.12	23.82	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.90	23.6	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	24.10	23.8	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	23.20	22.9	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	23.17	22.87	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	23.21	22.91	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	23.08	22.78	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	22.03	21.73	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	21.86	21.56	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	21.95	21.65	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#25	21.67	21.37	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#50	21.61	21.31	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#0	20.78	20.48	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	20.98	20.68	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	21.87	21.57	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	22.02	21.72	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	21.97	21.67	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#25	21.70	21.4	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#0	21.54	21.24	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#50	21.55	21.25	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	20.80	20.5	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	21.96	21.66	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	21.89	21.59	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	21.95	21.65	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#50	21.23	20.93	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#25	21.36	21.06	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#0	20.92	20.62	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	21.14	20.84	30.00	PASS



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Band4	20MHz	16QAM	20050	1RB#49	23.61	23.31	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	23.40	23.1	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	23.59	23.29	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	22.23	21.93	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	22.22	21.92	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	22.09	21.79	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	22.15	21.85	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	23.53	23.23	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.46	23.16	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	23.21	22.91	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	22.24	21.94	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	22.13	21.83	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	22.07	21.77	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	22.07	21.77	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	23.37	23.07	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	23.46	23.16	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	23.27	22.97	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	22.17	21.87	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	22.17	21.87	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	22.11	21.81	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	22.14	21.84	30.00	PASS

ANT5:

Band	Bandwidth h	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.66	22.81	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.73	22.88	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.82	22.97	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.72	22.87	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.78	22.93	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.85	23.00	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.70	21.85	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.65	22.80	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.59	22.74	30.00	PASS



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Band4	1.4MHz	QPSK	20175	1RB#0	23.73	22.88	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.77	22.92	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.74	22.89	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.61	22.76	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.71	21.86	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.51	22.66	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.77	22.92	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.75	22.9	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	23.70	22.85	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.81	22.96	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.78	22.93	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.68	21.83	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	22.27	21.42	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	22.09	21.24	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	21.96	21.11	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	22.26	21.41	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	22.15	21.3	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	22.24	21.39	30.00	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	21.09	20.24	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	21.95	21.1	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	22.03	21.18	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	21.97	21.12	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	22.03	21.18	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	22.11	21.26	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	21.95	21.1	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	21.18	20.33	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	22.16	21.31	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	22.03	21.18	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	22.24	21.39	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	22.27	21.42	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	22.23	21.38	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	22.29	21.44	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	21.38	20.53	30.00	PASS



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Band4	1.4MHz	16QAM	19957	1RB#0	22.79	21.94	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.97	22.12	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	23.02	22.17	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.78	21.93	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	22.90	22.05	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	22.84	21.99	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.76	20.91	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.90	22.05	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.97	22.12	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	23.00	22.15	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	22.70	21.85	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	22.87	22.02	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.86	22.01	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.77	20.92	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.70	21.85	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.99	22.14	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.94	22.09	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	22.72	21.87	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	22.84	21.99	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.76	21.91	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.74	20.89	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.76	22.91	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.81	22.96	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.86	23.01	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.76	21.91	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.80	21.95	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.88	22.03	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.76	21.91	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.75	22.9	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.63	22.78	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.64	22.79	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.86	22.01	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.80	21.95	30.00	PASS



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Band4	3MHz	QPSK	20175	8RB#4	22.86	22.01	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.73	21.88	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.52	22.67	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.75	22.9	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.70	22.85	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.73	21.88	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.83	21.98	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.75	21.9	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.77	21.92	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	22.24	21.39	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	21.99	21.14	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	22.02	21.17	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#0	21.21	20.36	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#4	21.27	20.42	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#7	21.27	20.42	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	21.31	20.46	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	21.95	21.1	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	22.29	21.44	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	22.07	21.22	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#7	21.23	20.38	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#0	21.23	20.38	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#4	21.07	20.22	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	21.06	20.21	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	22.26	21.41	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	22.02	21.17	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	22.22	21.37	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#7	21.08	20.23	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#0	21.30	20.45	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#4	21.37	20.52	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	21.35	20.5	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.73	21.88	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	23.07	22.22	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	23.00	22.15	30.00	PASS



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Band4	3MHz	16QAM	19965	8RB#4	21.80	20.95	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.84	20.99	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.78	20.93	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.77	20.92	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.89	22.04	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.96	22.11	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	23.02	22.17	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.74	20.89	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.83	20.98	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.91	21.06	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.82	20.97	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.79	21.94	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	23.03	22.18	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.87	22.02	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.75	20.9	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.93	21.08	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.76	20.91	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.76	20.91	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.81	22.96	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.88	23.03	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.94	23.09	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.82	21.97	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.92	22.07	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.94	22.09	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.84	21.99	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.80	22.95	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.71	22.86	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.78	22.93	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.92	22.07	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.89	22.04	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.97	22.12	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.83	21.98	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.66	22.81	30.00	PASS



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Band4	5MHz	QPSK	20375	1RB#24	23.84	22.99	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.85	23	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.80	21.95	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.88	22.03	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.84	21.99	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.83	21.98	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	22.11	21.26	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	22.24	21.39	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	22.28	21.43	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#13	21.33	20.48	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#6	21.28	20.43	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#0	21.05	20.2	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	21.09	20.24	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	22.12	21.27	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	22.24	21.39	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	22.12	21.27	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#6	21.22	20.37	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#13	21.31	20.46	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#0	21.26	20.41	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	21.07	20.22	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	22.25	21.4	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	22.20	21.35	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	22.21	21.36	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#0	21.16	20.31	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#6	21.13	20.28	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#13	21.21	20.36	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	21.38	20.53	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.88	22.03	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	23.12	22.27	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	23.07	22.22	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.93	21.08	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.96	21.11	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.93	21.08	30.00	PASS



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Band4	5MHz	16QAM	19975	25RB#0	21.87	21.02	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.97	22.12	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	23.04	22.19	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	23.15	22.3	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.85	21	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.92	21.07	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	22.00	21.15	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.89	21.04	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.84	21.99	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	23.08	22.23	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.99	22.14	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.87	21.02	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.99	21.14	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.90	21.05	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.83	20.98	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.78	22.93	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.55	22.7	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.70	22.85	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.73	21.88	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.86	22.01	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.79	21.94	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.85	22	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.71	22.86	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.51	22.66	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.66	22.81	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.89	22.04	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.78	21.93	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.78	21.93	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.74	21.89	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.67	22.82	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.59	22.74	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.66	22.81	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.79	21.94	30.00	PASS



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Band4	10MHz	QPSK	20350	25RB#0	22.75	21.9	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.80	21.95	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.72	21.87	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	21.97	21.12	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	22.05	21.2	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	22.11	21.26	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#12	21.12	20.27	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#25	21.10	20.25	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#0	21.19	20.34	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	21.19	20.34	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	22.06	21.21	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	21.98	21.13	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	22.26	21.41	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#12	21.27	20.42	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#25	21.25	20.4	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#0	21.30	20.45	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	21.19	20.34	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	22.21	21.36	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	22.02	21.17	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	22.20	21.35	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#0	21.05	20.2	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#12	21.06	20.21	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#25	21.35	20.5	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	21.16	20.31	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	23.16	22.31	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	23.15	22.3	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	23.09	22.24	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.78	20.93	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.80	20.95	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.77	20.92	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.87	21.02	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	23.17	22.32	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	23.08	22.23	30.00	PASS



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Band4	10MHz	16QAM	20175	1RB#0	23.12	22.27	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.76	20.91	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.69	20.84	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.83	20.98	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.78	20.93	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	23.30	22.45	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	23.09	22.24	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	23.36	22.51	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.73	20.88	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.71	20.86	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.80	20.95	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.65	20.8	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.69	22.84	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.65	22.8	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.65	22.8	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#0	22.86	22.01	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#39	22.75	21.9	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#18	22.89	22.04	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.83	21.98	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.84	22.99	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.60	22.75	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.77	22.92	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#18	22.90	22.05	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#39	22.83	21.98	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#0	22.74	21.89	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.77	21.92	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.79	22.94	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.62	22.77	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.57	22.72	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#0	22.75	21.9	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#39	22.78	21.93	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#18	22.76	21.91	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.74	21.89	30.00	PASS



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Band4	15MHz	64QAM	20025	1RB#0	22.09	21.24	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	22.04	21.19	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	22.15	21.3	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#0	21.39	20.54	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#18	21.12	20.27	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#39	21.09	20.24	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	21.15	20.3	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	22.10	21.25	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	22.14	21.29	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	22.22	21.37	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#18	21.30	20.45	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#0	21.17	20.32	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#39	21.11	20.26	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	21.14	20.29	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	22.09	21.24	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	22.05	21.2	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	22.21	21.36	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#18	21.29	20.44	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#0	21.10	20.25	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#39	21.07	20.22	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	21.16	20.31	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.91	22.06	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	23.00	22.15	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	23.04	22.19	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#0	21.85	21	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#18	21.84	20.99	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#39	21.76	20.91	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.80	20.95	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	23.11	22.26	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.85	22	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.85	22	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#0	21.90	21.05	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#18	21.77	20.92	30.00	PASS



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Band4	15MHz	16QAM	20175	36RB#39	21.78	20.93	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.71	20.86	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.85	22	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	23.14	22.29	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	23.18	22.33	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#39	21.80	20.95	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#0	21.73	20.88	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#18	21.75	20.9	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.73	20.88	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	24.13	23.28	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.95	23.1	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	24.07	23.22	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	23.18	22.33	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	23.29	22.44	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	23.20	22.35	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	23.22	22.37	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	24.15	23.3	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	24.11	23.26	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.93	23.08	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	23.31	22.46	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	23.16	22.31	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	23.08	22.23	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	23.17	22.32	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	24.14	23.29	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.98	23.13	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	24.03	23.18	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	23.17	22.32	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	23.07	22.22	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	23.25	22.4	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	23.15	22.3	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	21.95	21.1	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	21.95	21.1	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	22.29	21.44	30.00	PASS



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Band4	20MHz	64QAM	20050	50RB#25	21.08	20.23	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#50	21.11	20.26	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#0	21.17	20.32	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	21.11	20.26	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	22.22	21.37	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	22.26	21.41	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	22.16	21.31	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#25	21.37	20.52	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#0	21.16	20.31	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#50	21.18	20.33	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	21.25	20.4	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	22.26	21.41	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	22.27	21.42	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	22.27	21.42	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#50	21.19	20.34	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#25	21.11	20.26	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#0	21.19	20.34	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	21.07	20.22	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	23.48	22.63	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	23.57	22.72	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	23.52	22.67	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	22.20	21.35	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	22.37	21.52	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	22.29	21.44	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	22.34	21.49	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	23.14	22.29	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.25	22.4	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	23.39	22.54	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	22.32	21.47	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	22.15	21.3	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	22.21	21.36	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	22.18	21.33	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	23.37	22.52	30.00	PASS



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Band4	20MHz	16QAM	20300	1RB#99	23.11	22.26	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	23.46	22.61	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	22.23	21.38	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	22.17	21.32	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	22.17	21.32	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	22.14	21.29	30.00	PASS

Remark:

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

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

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



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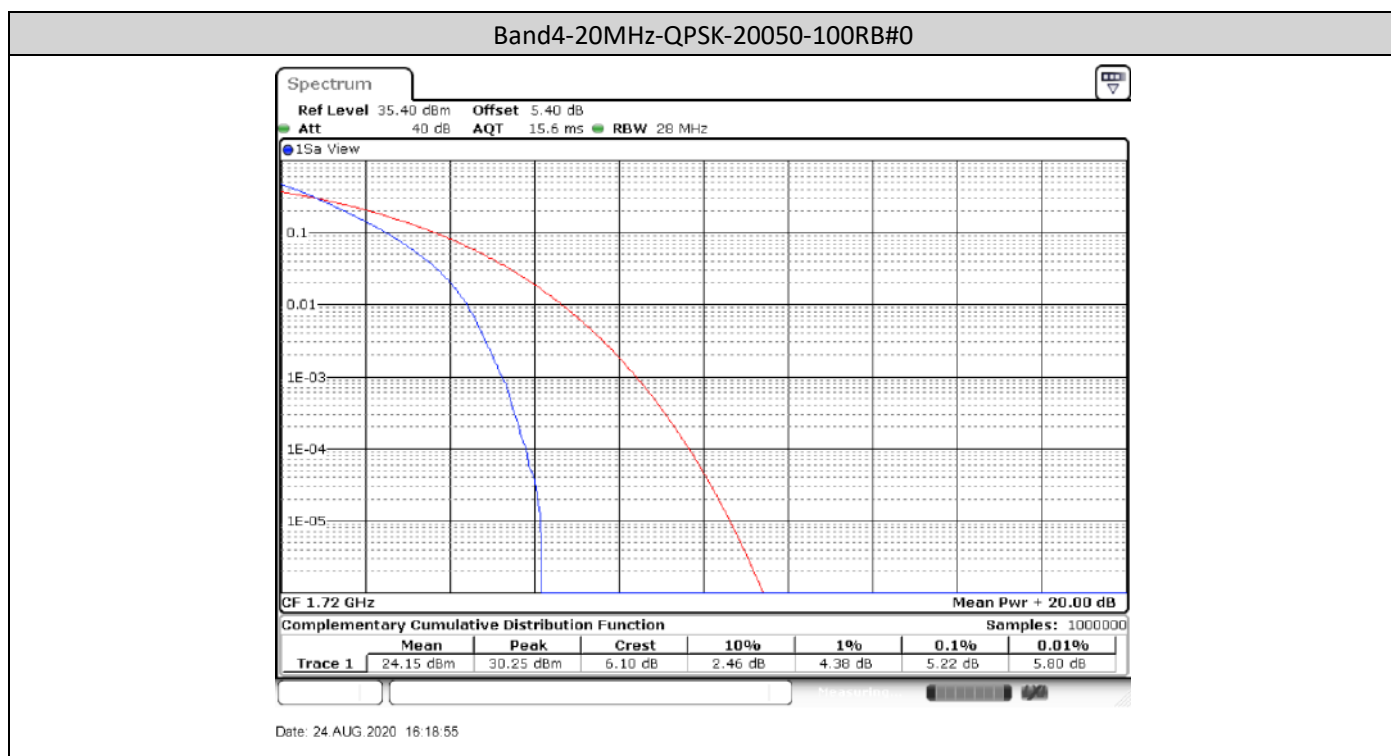


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	5.22	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.52	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.36	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.67	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.61	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.67	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.03	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.88	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.14	13	PASS

2.2. Test Plots

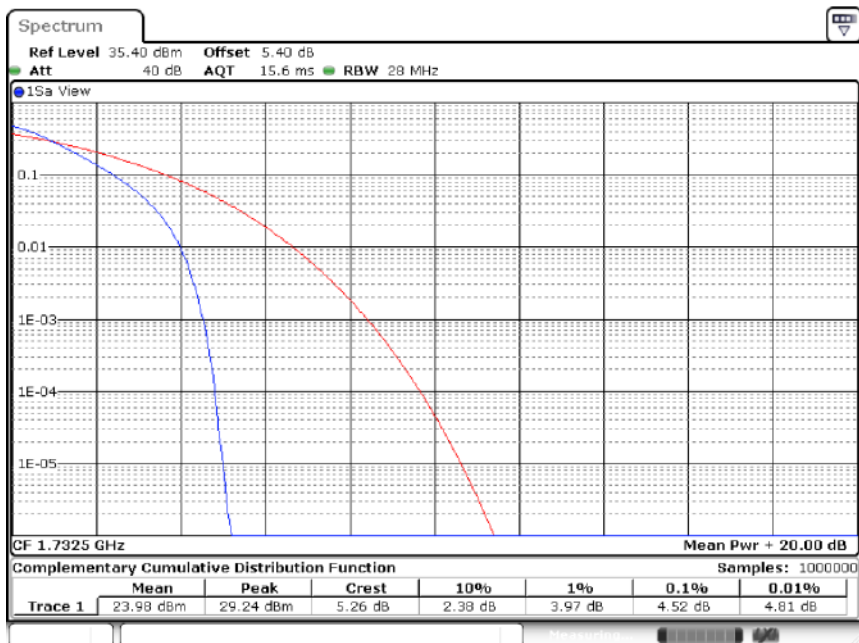


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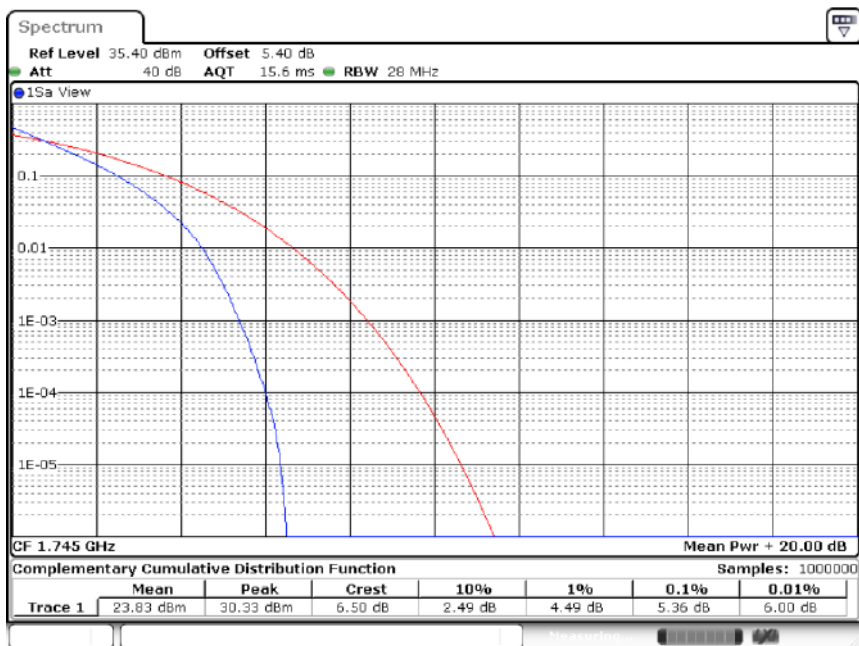
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Band4-20MHz-QPSK-20175-100RB#0



Date: 24 AUG 2020 16:19:18

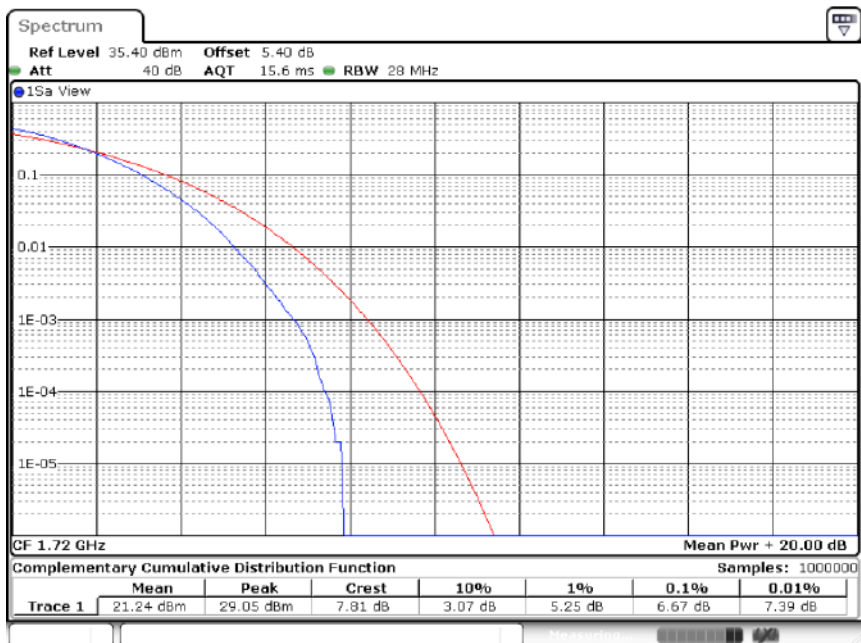
Band4-20MHz-QPSK-20300-100RB#0



Date: 24 AUG 2020 16:19:40

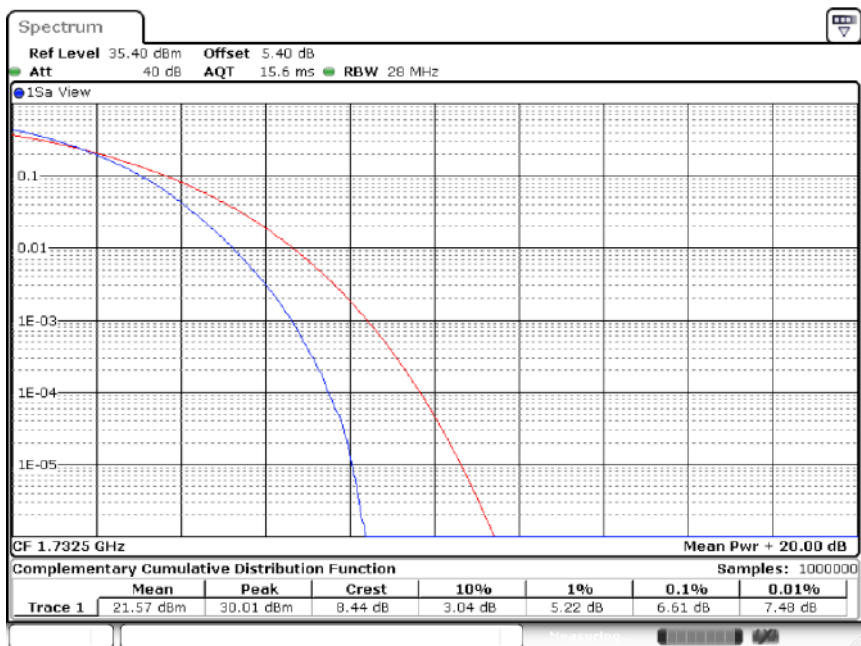


Band4-20MHz-64QAM-20050-100RB#0



Date: 25 AUG 2020 14:22:57

Band4-20MHz-64QAM-20175-100RB#0



Date: 25 AUG 2020 14:23:08



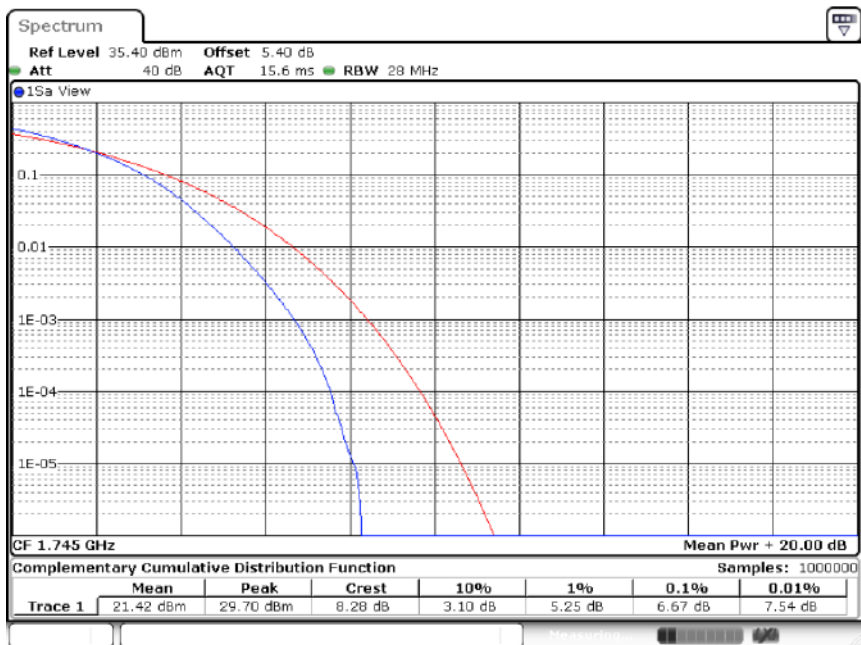
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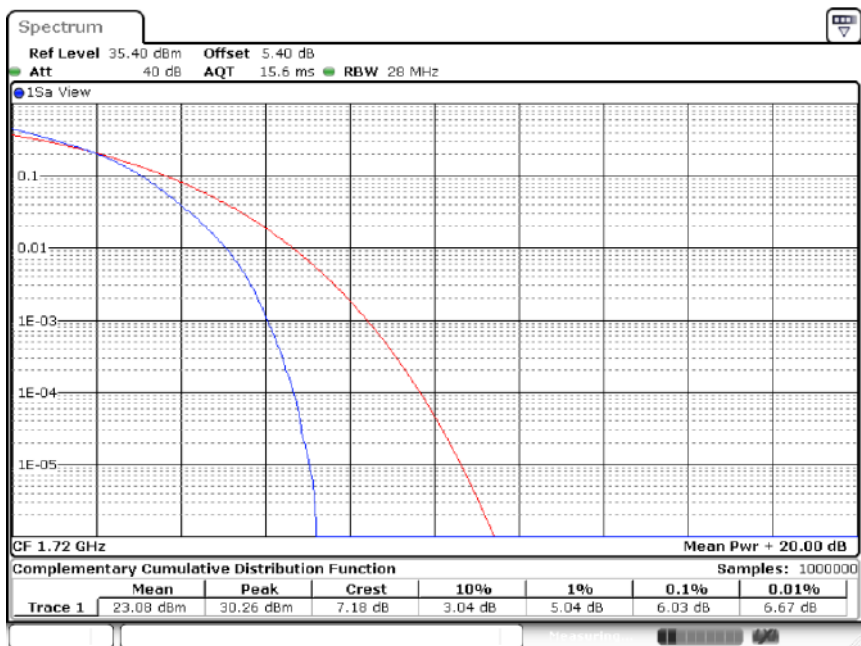
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Band4-20MHz-64QAM-20300-100RB#0



Date: 25 AUG 2020 14:23:20

Band4-20MHz-16QAM-20050-100RB#0



Date: 24 AUG 2020 16:19:06



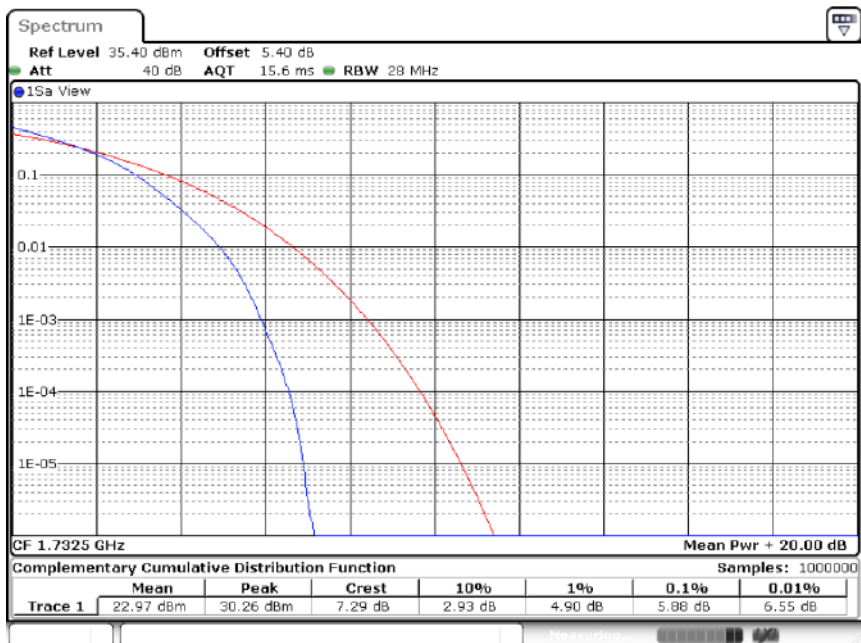
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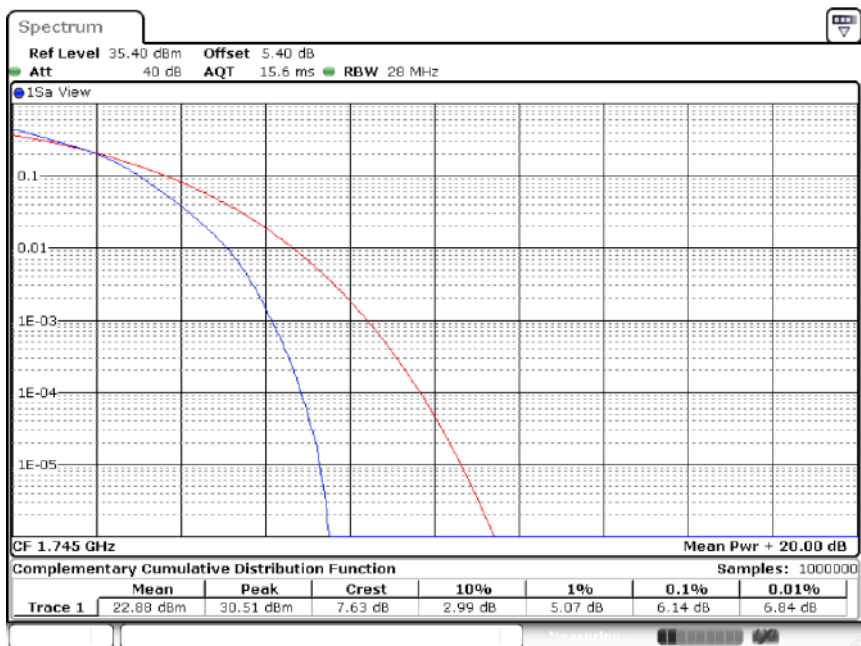
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Band4-20MHz-16QAM-20175-100RB#0



Date: 24 AUG 2020 16:19:28

Band4-20MHz-16QAM-20300-100RB#0



Date: 24 AUG 2020 16:19:51

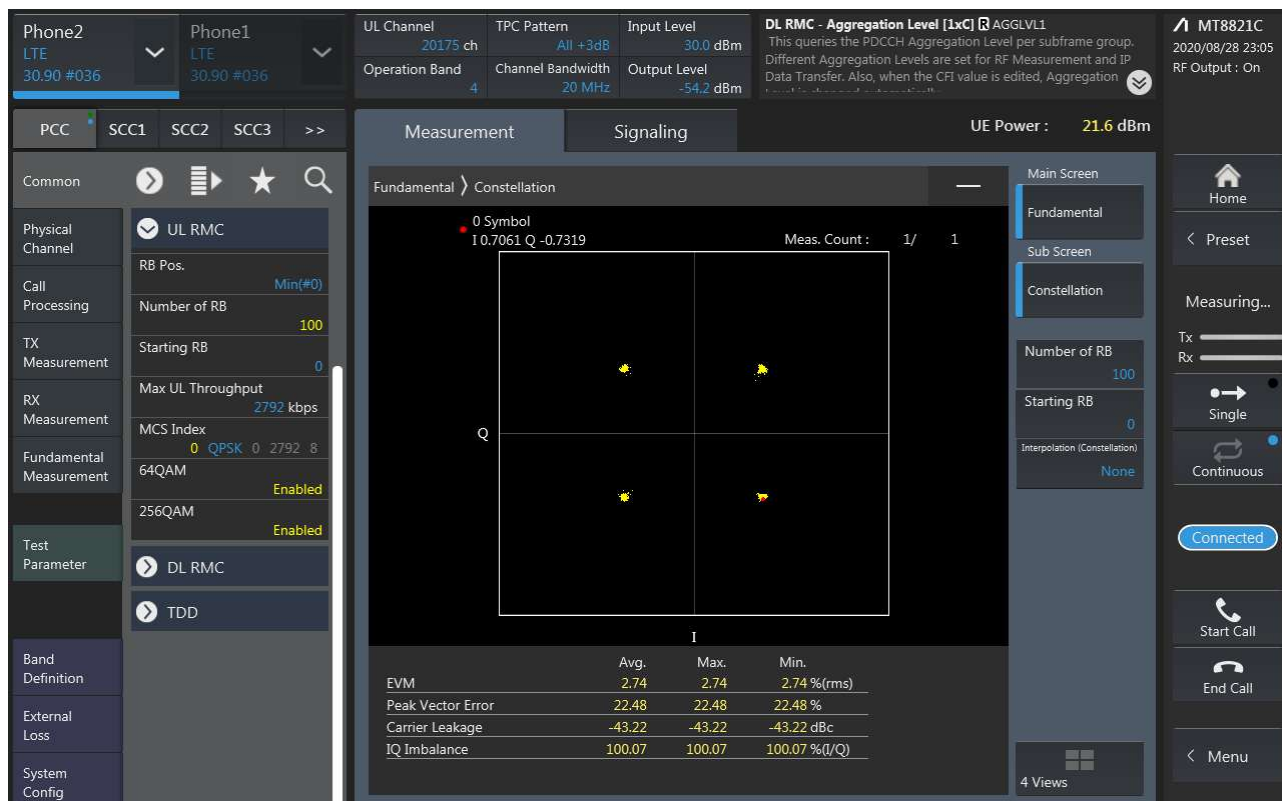




3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



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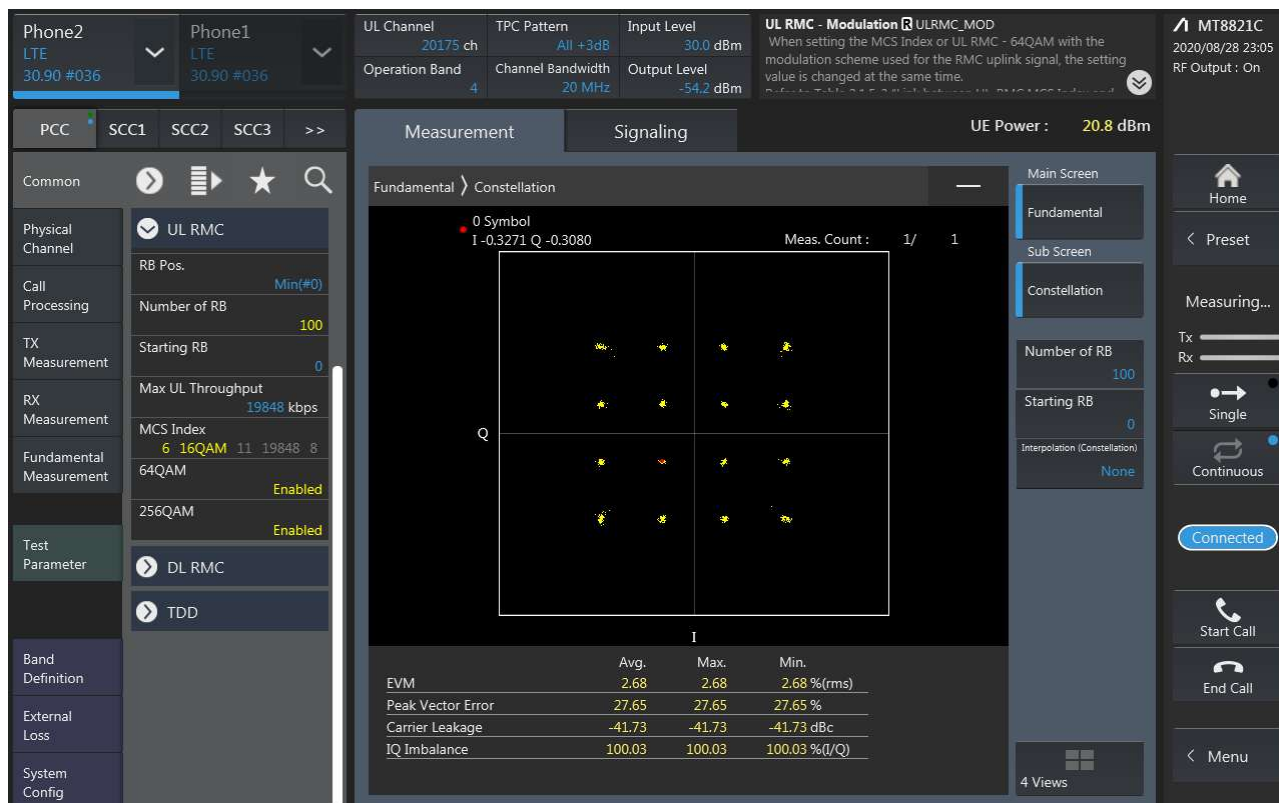
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3.2. Test Mode = LTE /TM2 20MHz

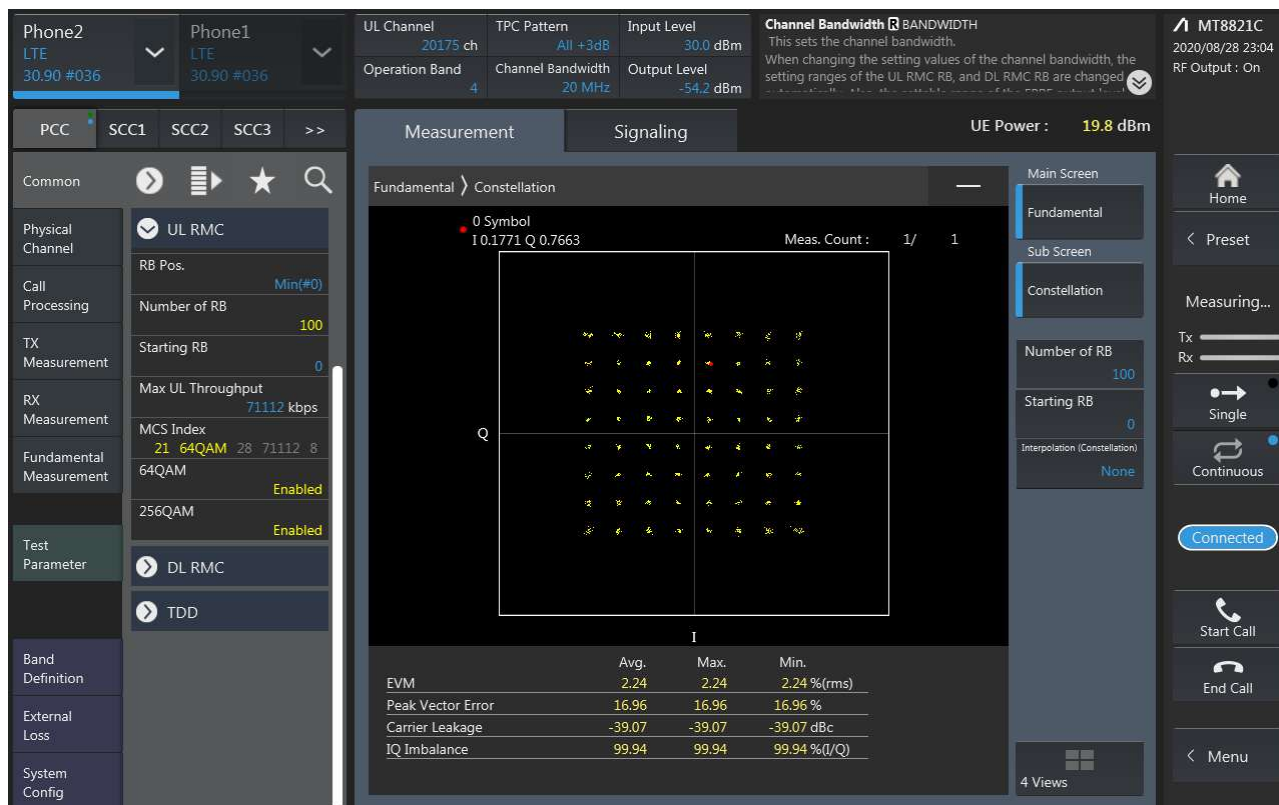
3.2.1. Test Channel = MCH





3.3. Test Mode = LTE /TM3 20MHz

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
Band4	1.4MHz	QPSK	19957	6RB#0	1.085	1.239	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.082	1.239	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.091	1.245	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.094	1.245	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.088	1.224	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.094	1.242	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.088	1.239	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.079	1.233	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.094	1.248	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.697	3.042	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.691	3.012	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.697	3.012	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.691	3.000	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.685	2.994	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.691	2.988	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.685	2.982	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.685	2.988	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.685	2.964	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.476	4.910	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.476	4.910	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.476	4.910	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.476	4.890	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.476	4.910	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.476	4.900	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.496	4.920	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.476	4.930	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.486	4.930	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.951	9.720	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.931	9.680	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.931	9.700	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.951	9.700	PASS



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Band4	10MHz	64QAM	20175	50RB#0	8.931	9.660	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.931	9.640	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.951	9.740	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.951	9.740	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.951	9.760	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.516	14.760	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.457	14.670	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.487	14.820	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.487	14.910	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.457	14.700	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.457	14.850	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.487	14.700	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.457	14.640	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.487	14.760	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.942	19.600	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.982	26.840	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.982	19.640	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.982	19.560	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.862	19.440	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.942	19.520	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.982	19.560	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.022	31.240	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.942	19.480	PASS



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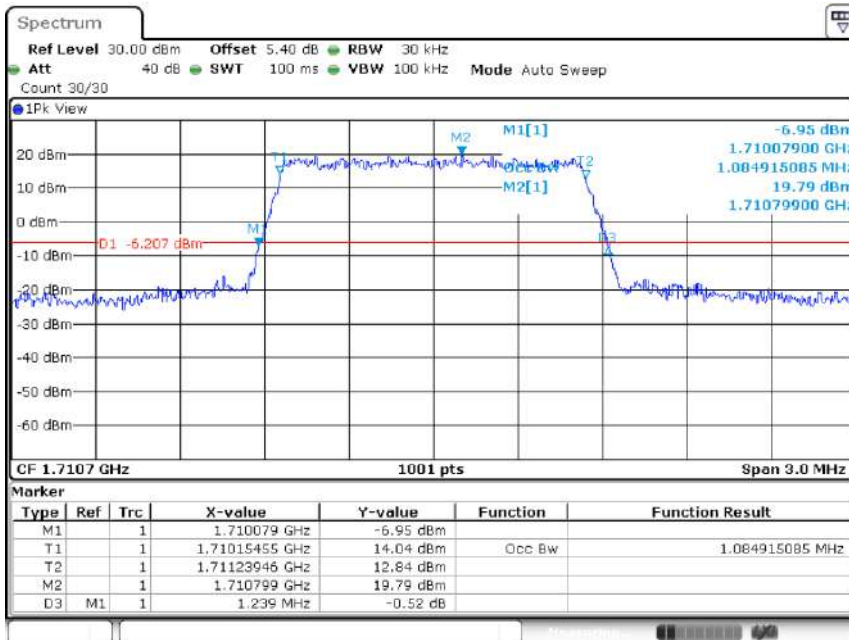
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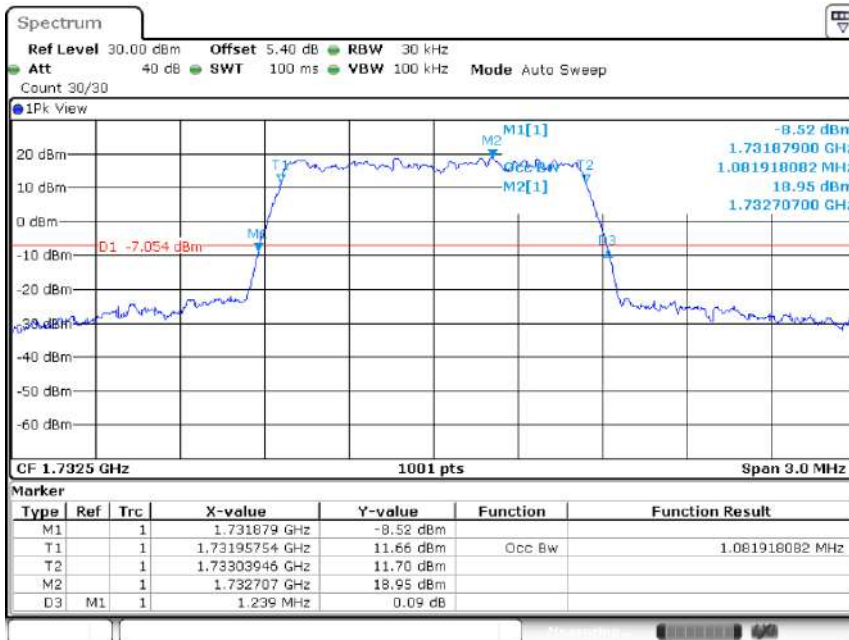
4.2. Test Plots

Band4-1.4MHz-QPSK-19957-6RB#0-1.085



Date: 24 AUG 2020 15:49:02

Band4-1.4MHz-QPSK-20175-6RB#0-1.082



Date: 24 AUG 2020 15:49:28



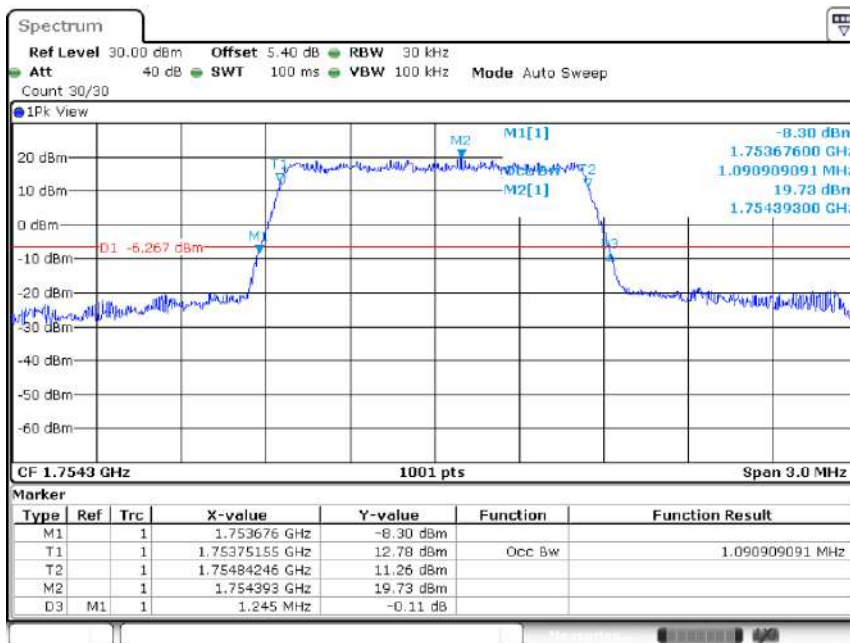
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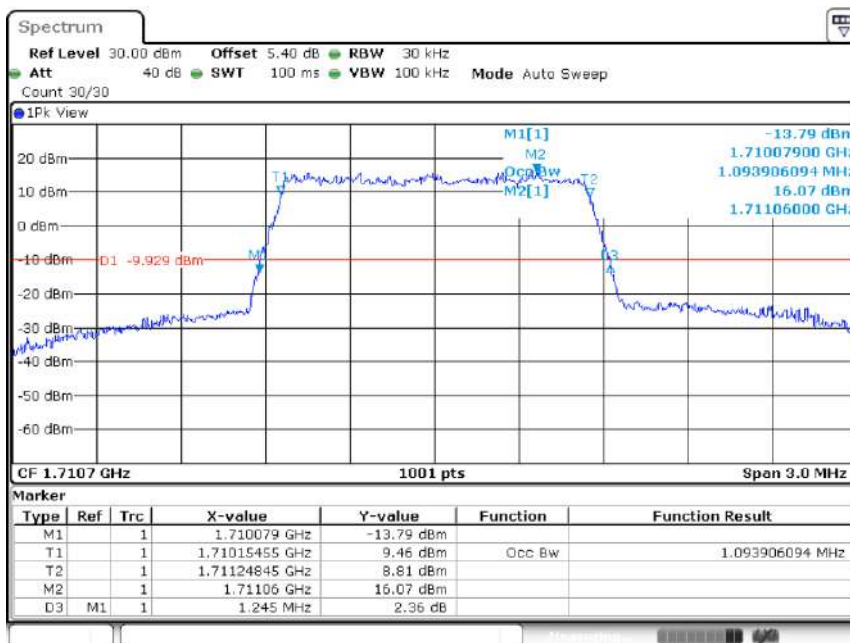
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Band4-1.4MHz-QPSK-20393-6RB#0-1.091



Date: 24 AUG 2020 15:49:54

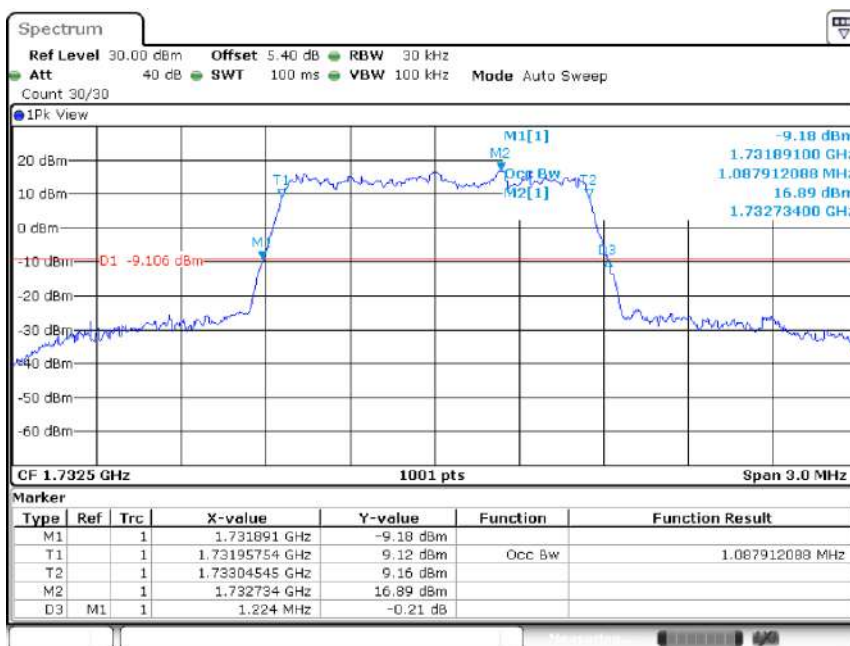
Band4-1.4MHz-64QAM-19957-6RB#0-1.094



Date: 25 AUG 2020 14:02:25

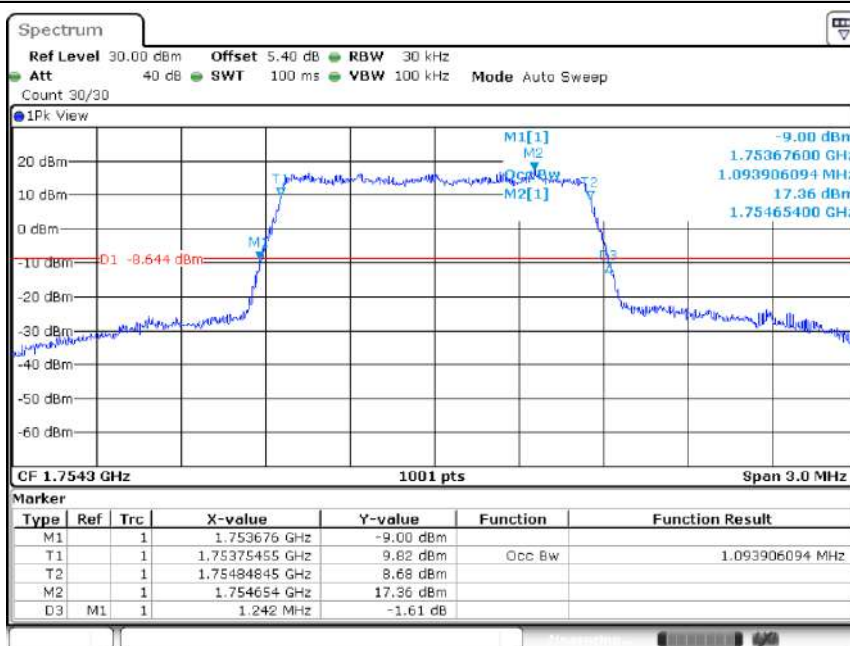


Band4-1.4MHz-64QAM-20175-6RB#0-1.088



Date: 25 AUG 2020 14:02:42

Band4-1.4MHz-64QAM-20393-6RB#0-1.094



Date: 25 AUG 2020 14:02:59



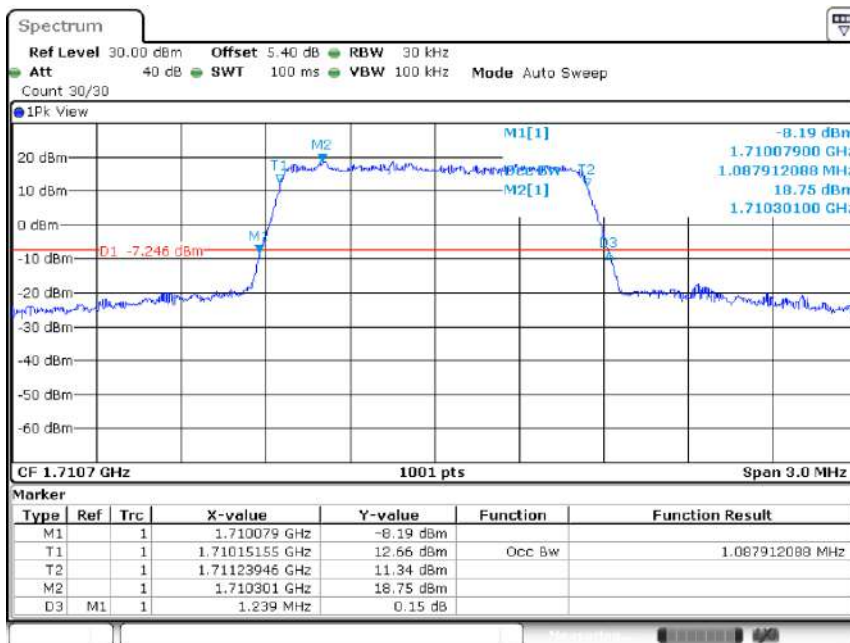
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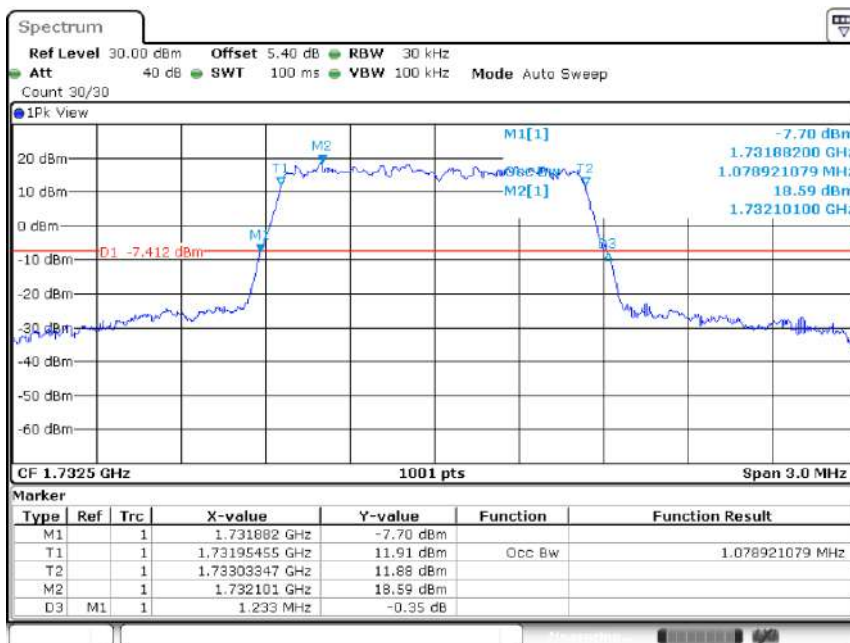
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Band4-1.4MHz-16QAM-19957-6RB#0-1.088



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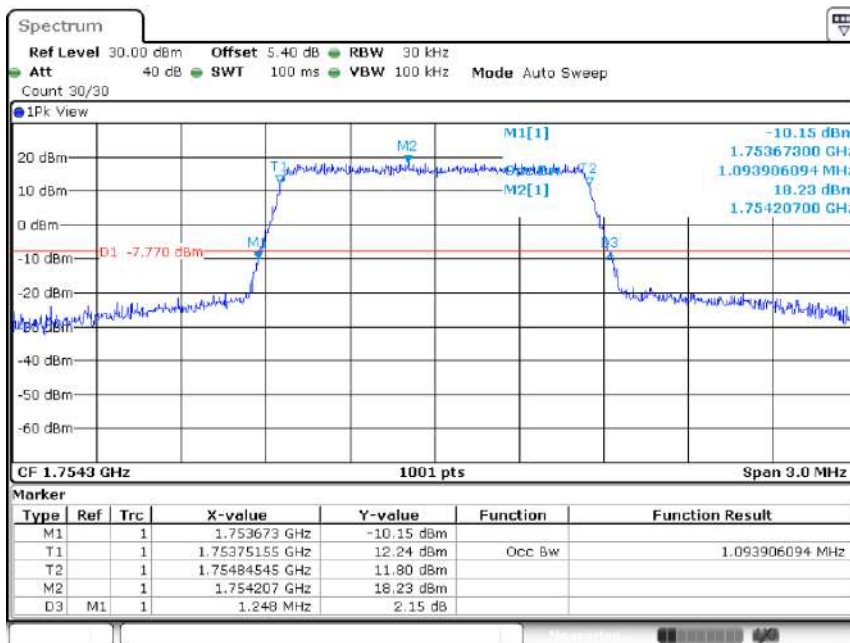
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Date: 24 AUG 2020 15:49:41

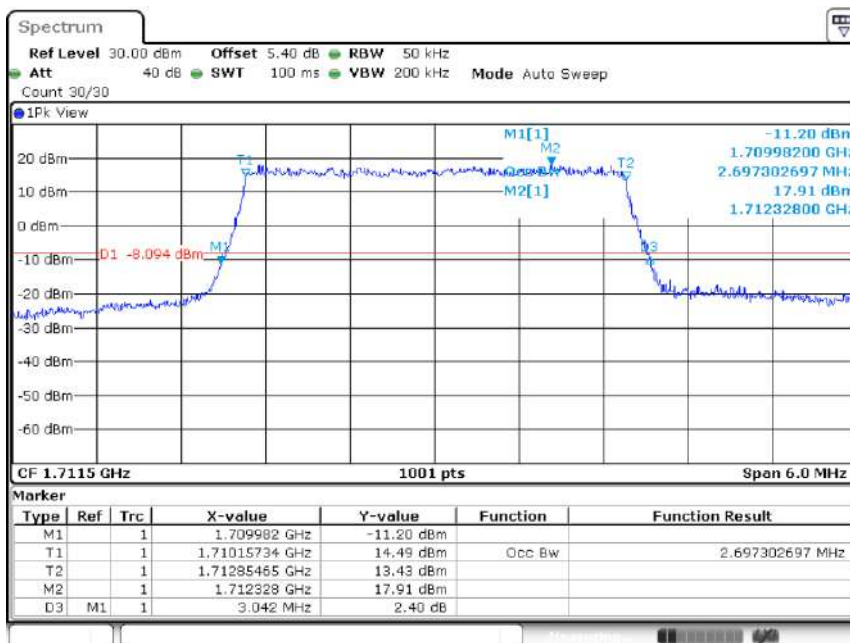


Band4-1.4MHz-16QAM-20393-6RB#0-1.094



Date: 24 AUG 2020 15:50:07

Band4-3MHz-QPSK-19965-15RB#0-2.697



Date: 24 AUG 2020 15:50:25



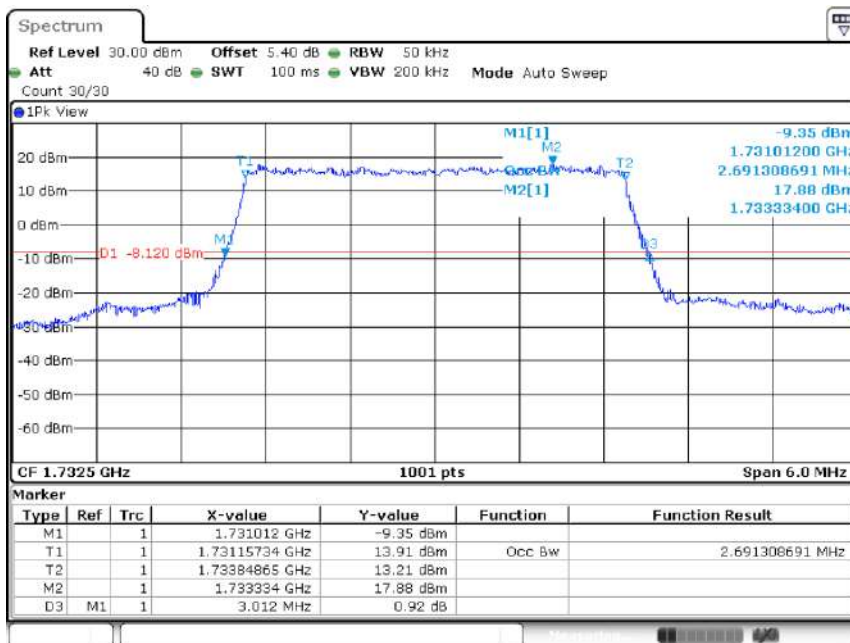
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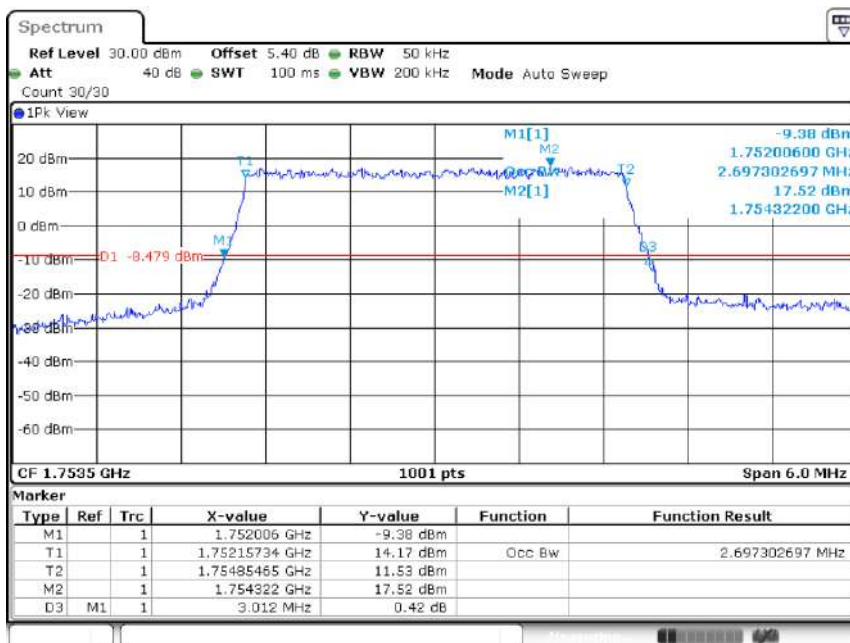
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Band4-3MHz-QPSK-20175-15RB#0-2.691



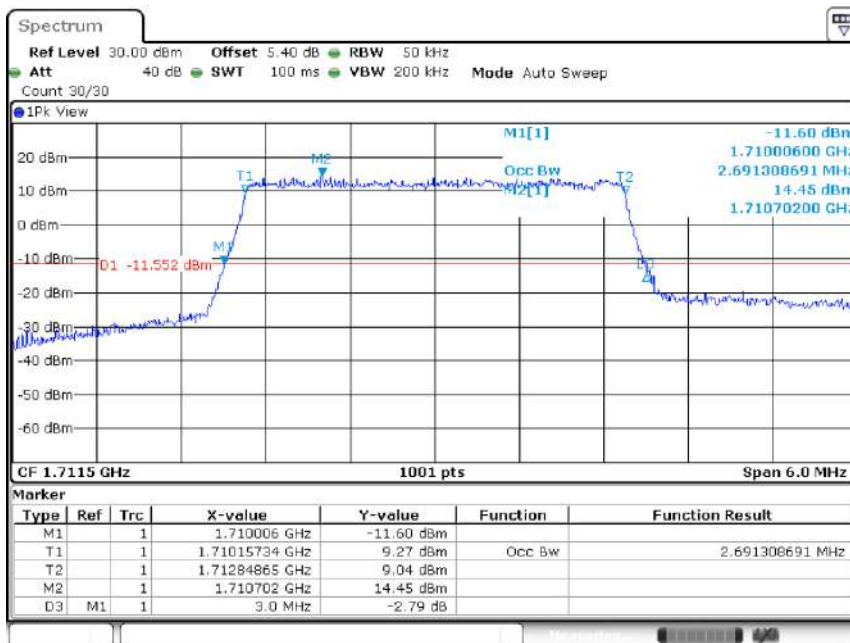
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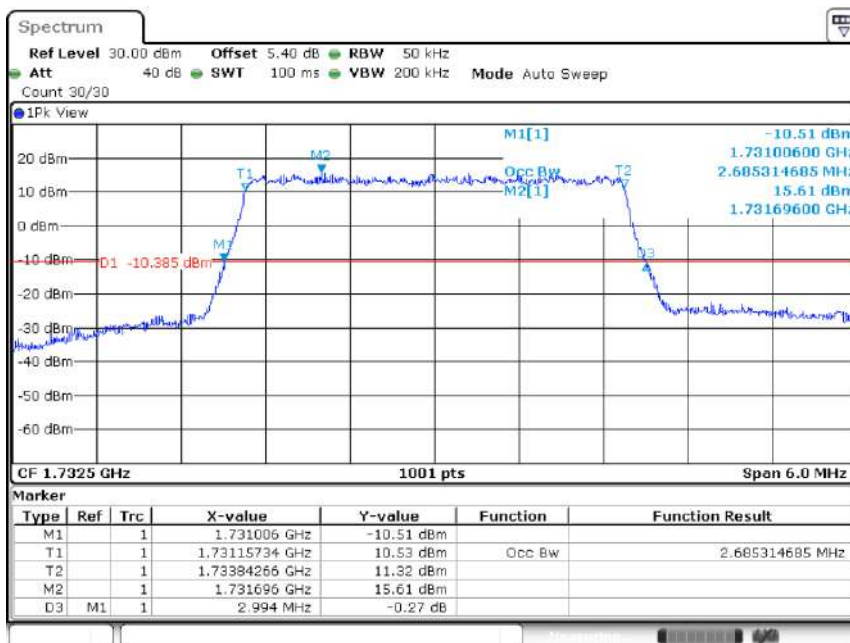
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Band4-3MHz-64QAM-19965-15RB#0-2.691



Date: 25.AUG.2020 14:03:35

Band4-3MHz-64QAM-20175-15RB#0-2.685



Date: 25.AUG.2020 14:03:51



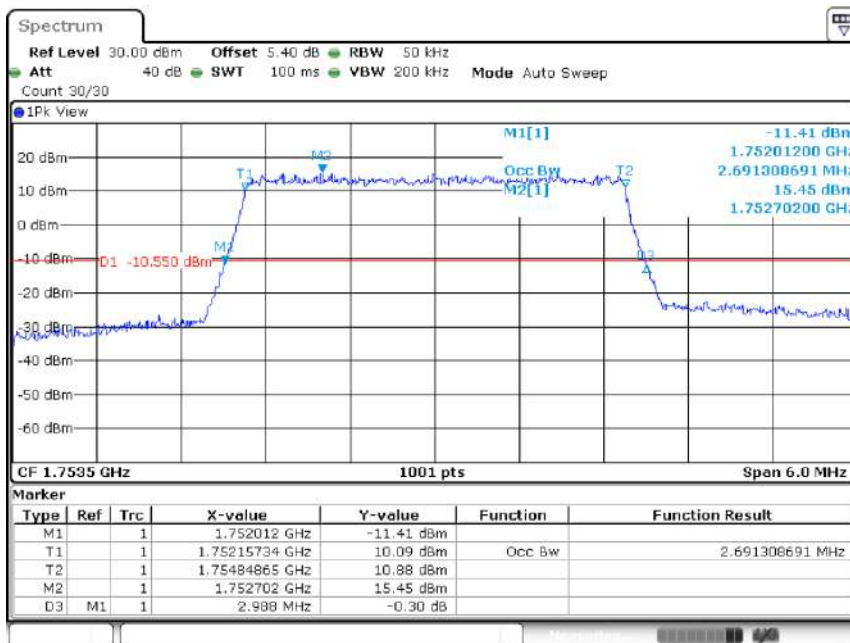
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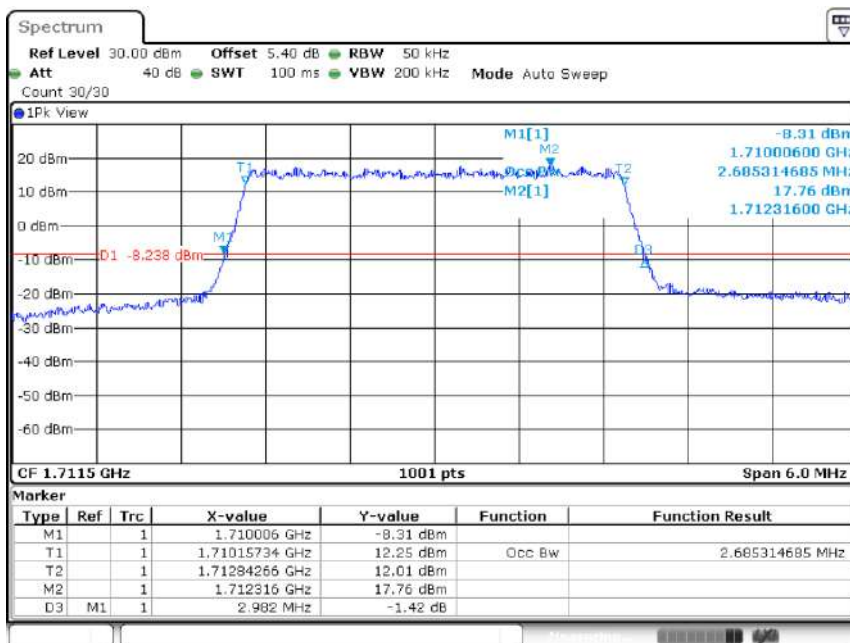
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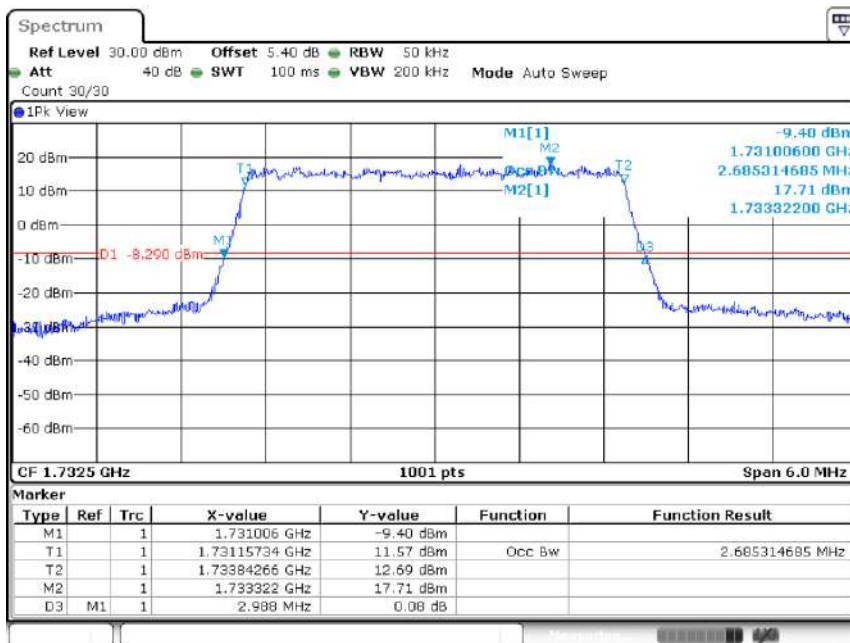
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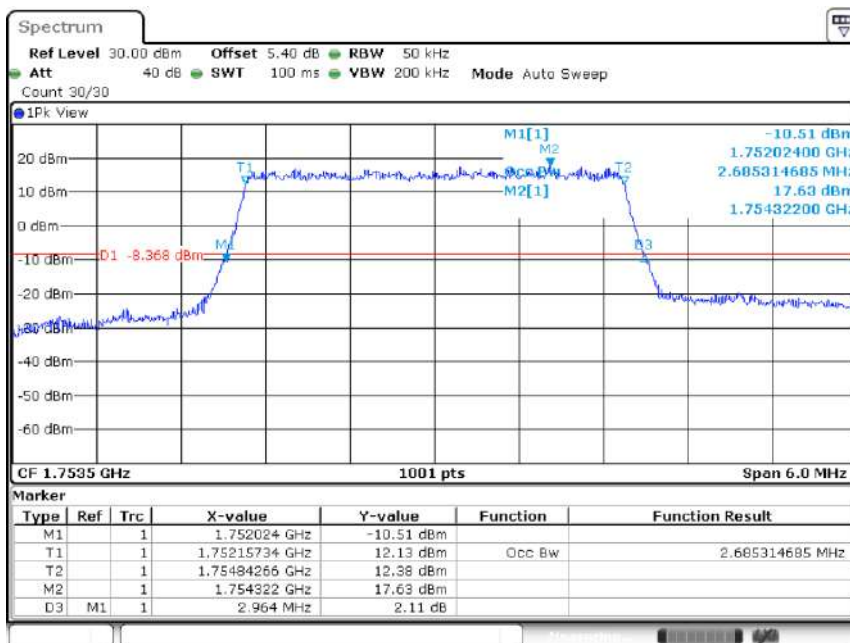


Band4-3MHz-16QAM-20175-15RB#0-2.685



Date: 24 AUG 2020 15:51:04

Band4-3MHz-16QAM-20385-15RB#0-2.685



Date: 24 AUG 2020 15:51:30



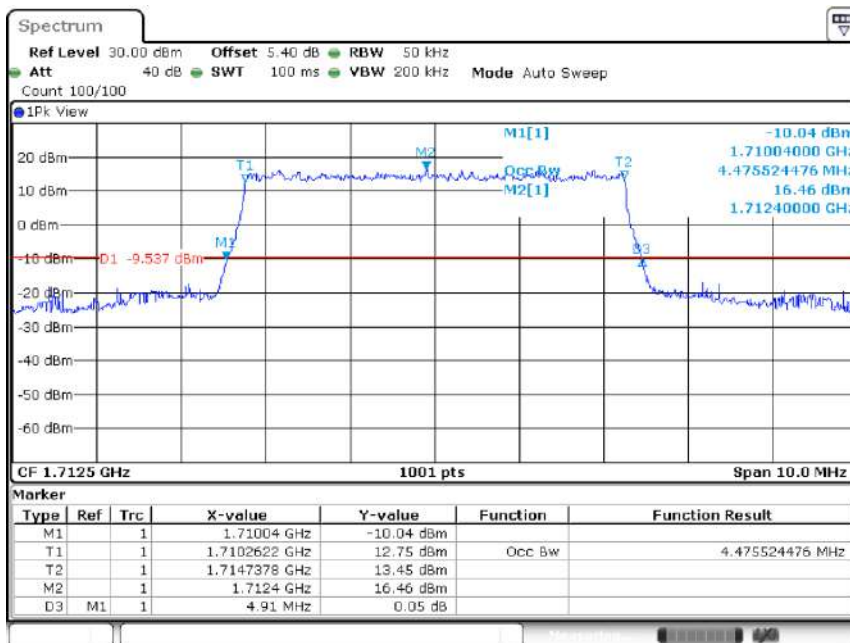
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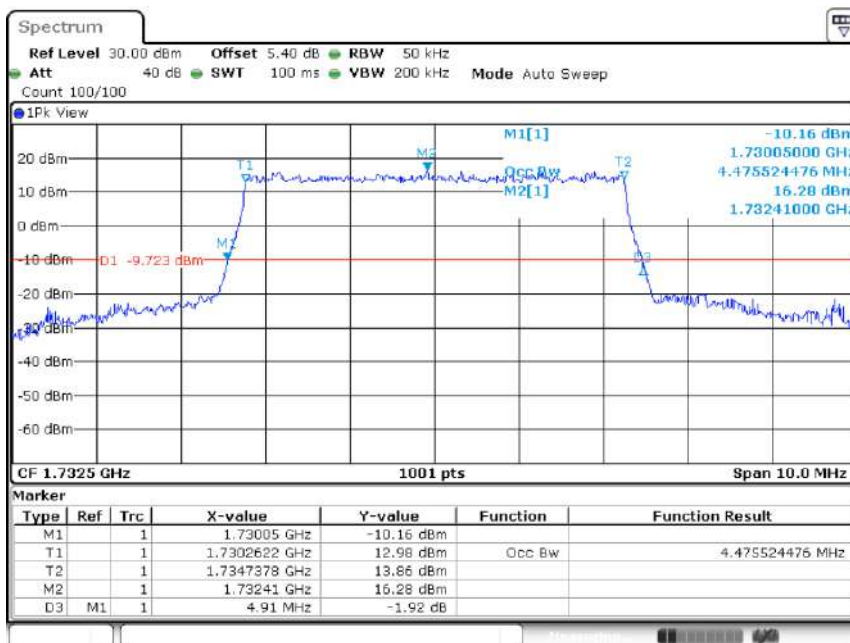
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Band4-5MHz-QPSK-19975-25RB#0-4.476



Date: 24 AUG 2020 15:51:54

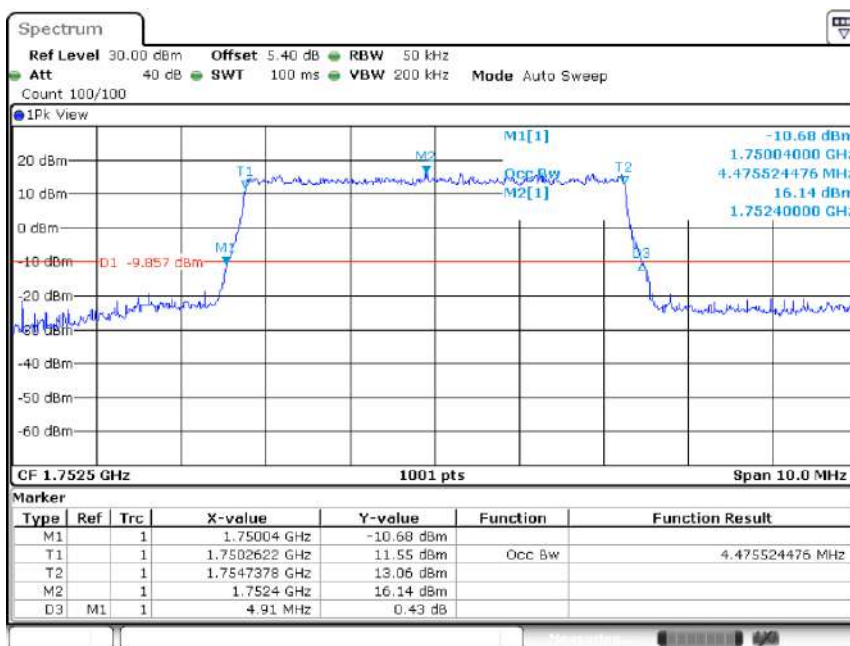
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Date: 24 AUG 2020 15:52:34

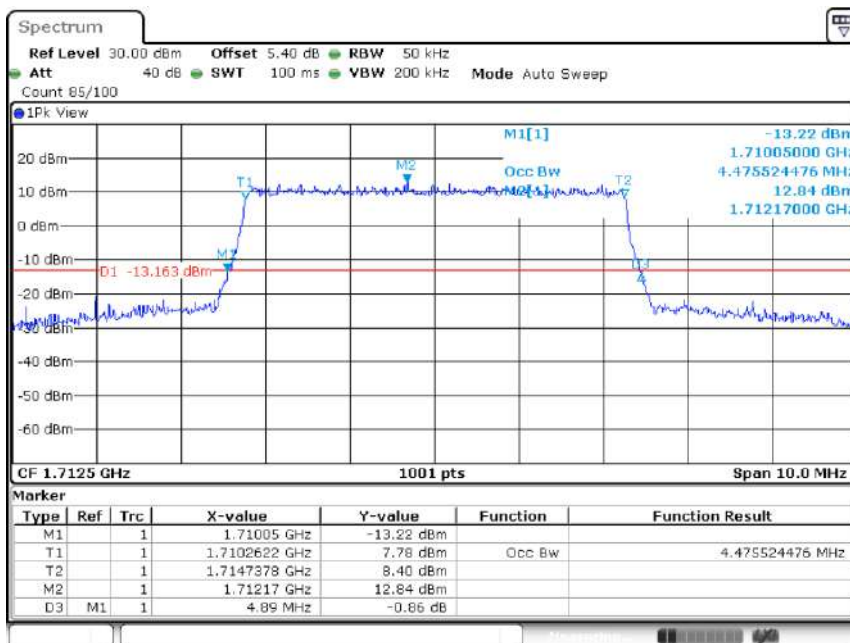


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Date: 24 AUG 2020 15:53:14

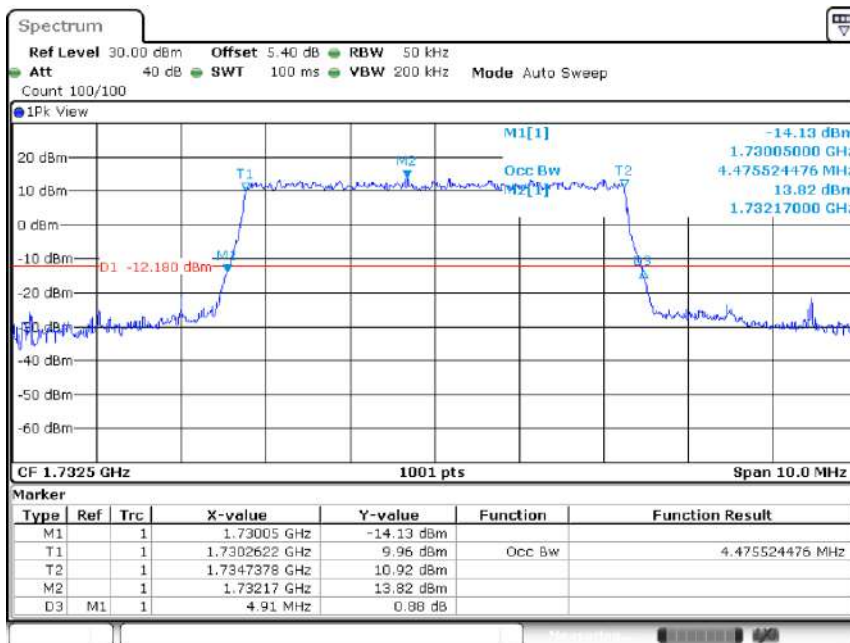
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Date: 25 AUG 2020 14:04:49

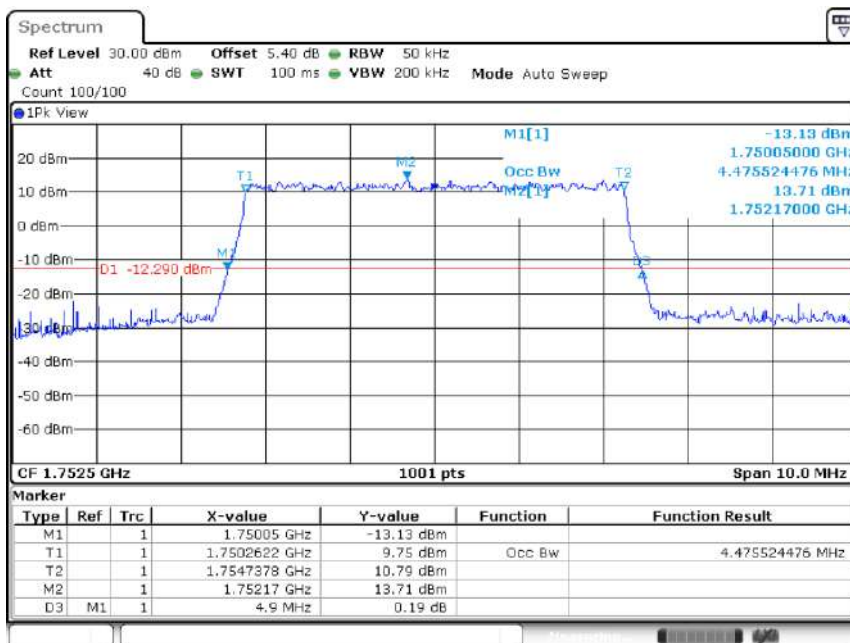


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Date: 25 AUG 2020 14:05:09

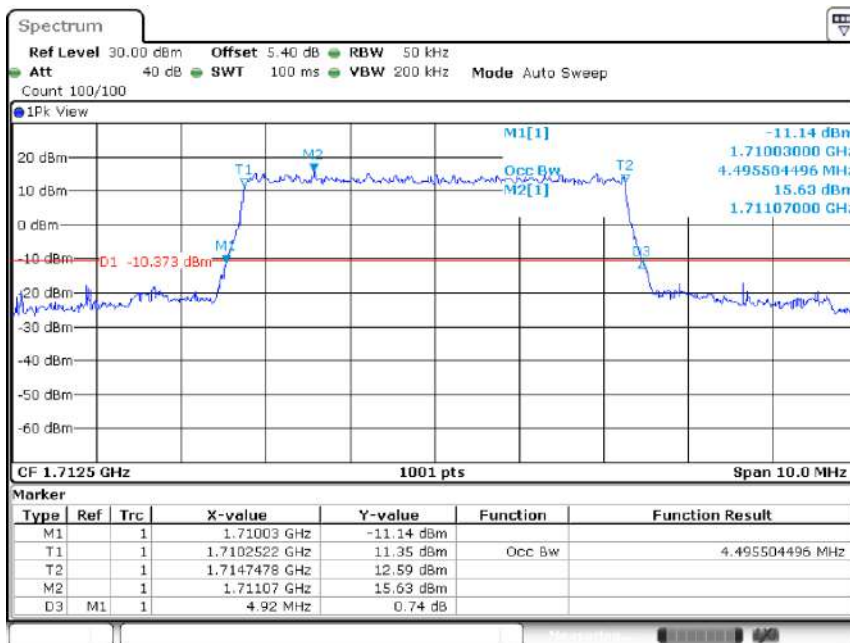
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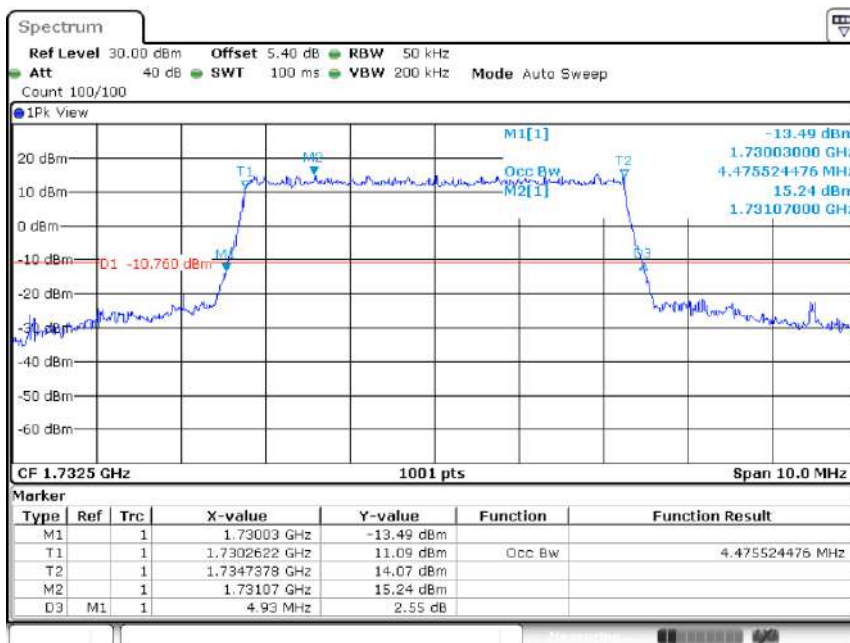


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Date: 24 AUG 2020 15:52:14

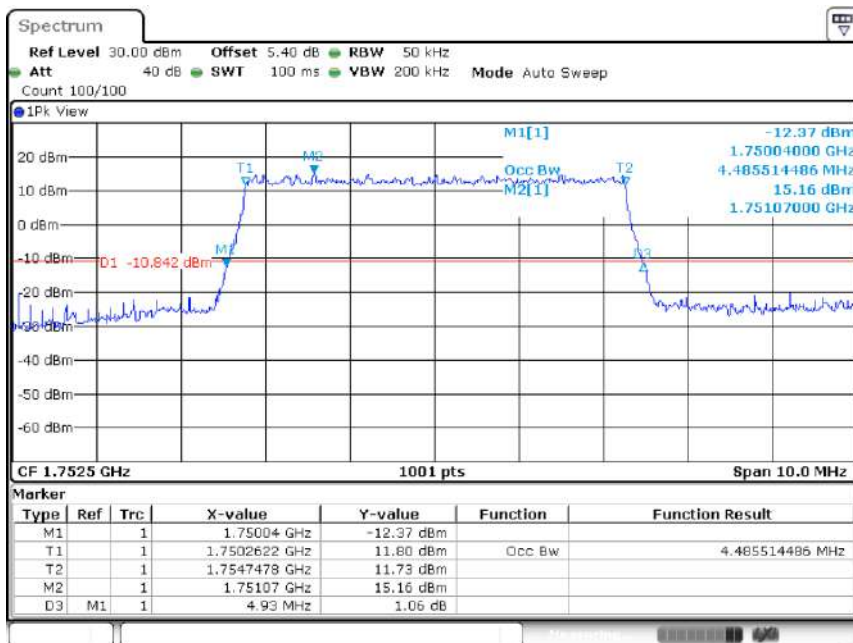
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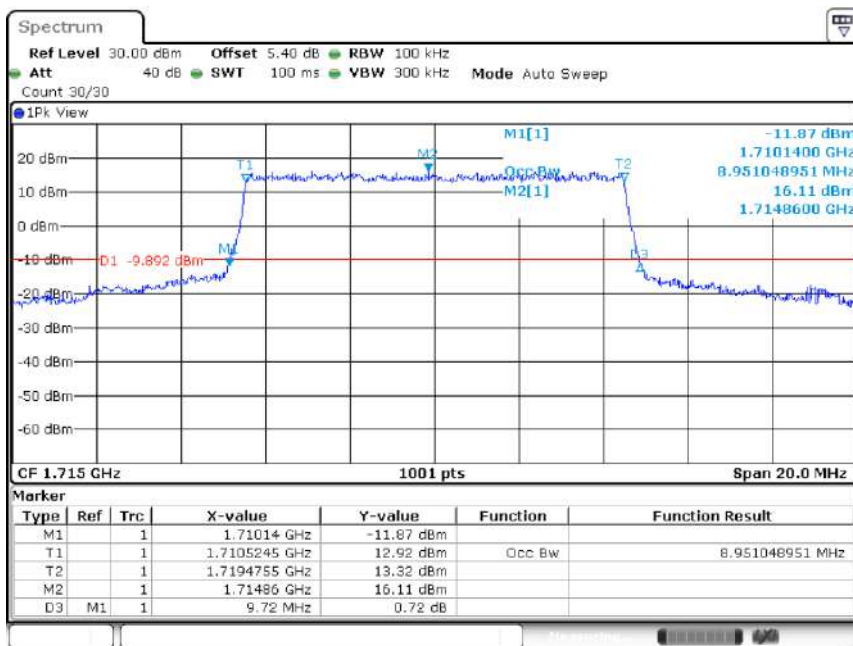


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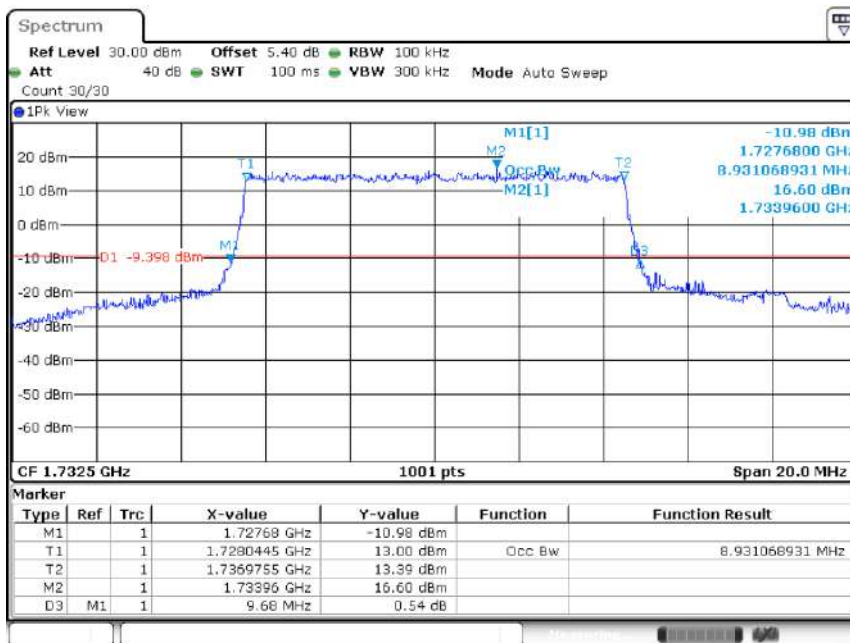
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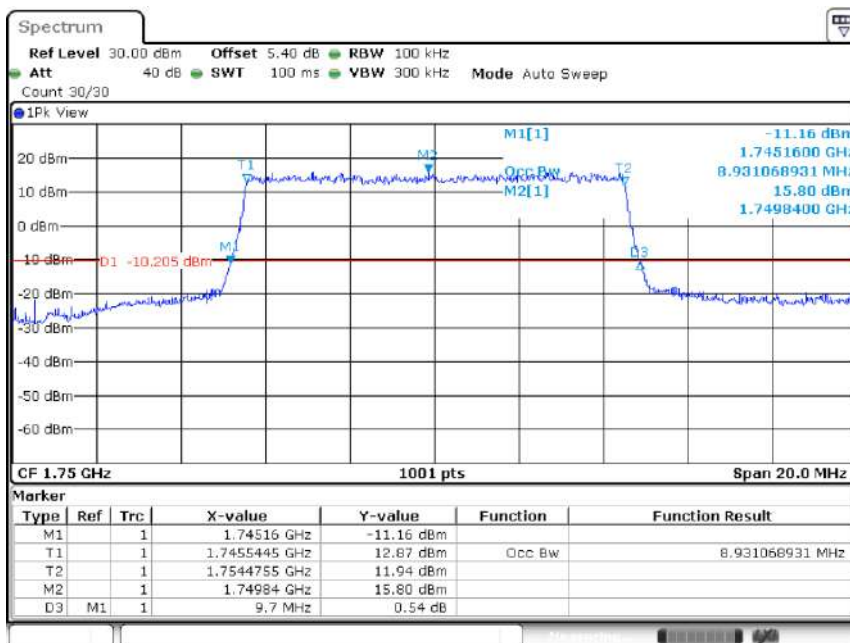


Band4-10MHz-QPSK-20175-50RB#0-8.931



Date: 24 AUG 2020 15:54:18

Band4-10MHz-QPSK-20350-50RB#0-8.931



Date: 24 AUG 2020 15:54:43



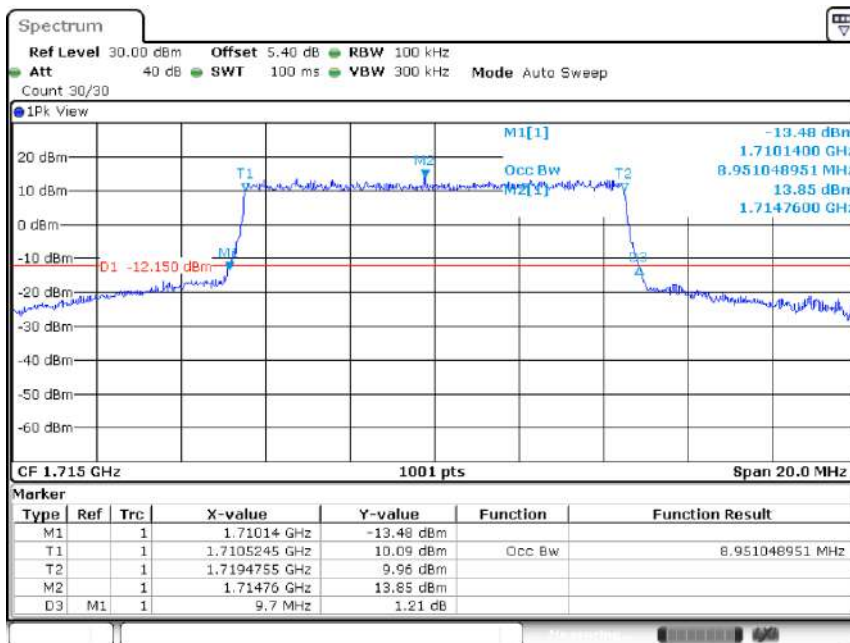
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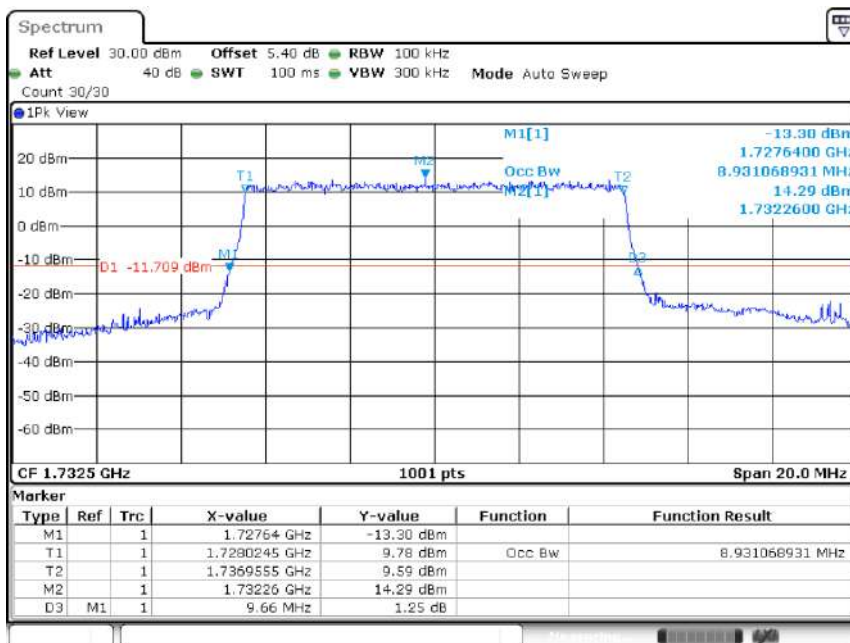
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Band4-10MHz-64QAM-20000-50RB#0-8.951



Date: 25 AUG 2020 14:05:48

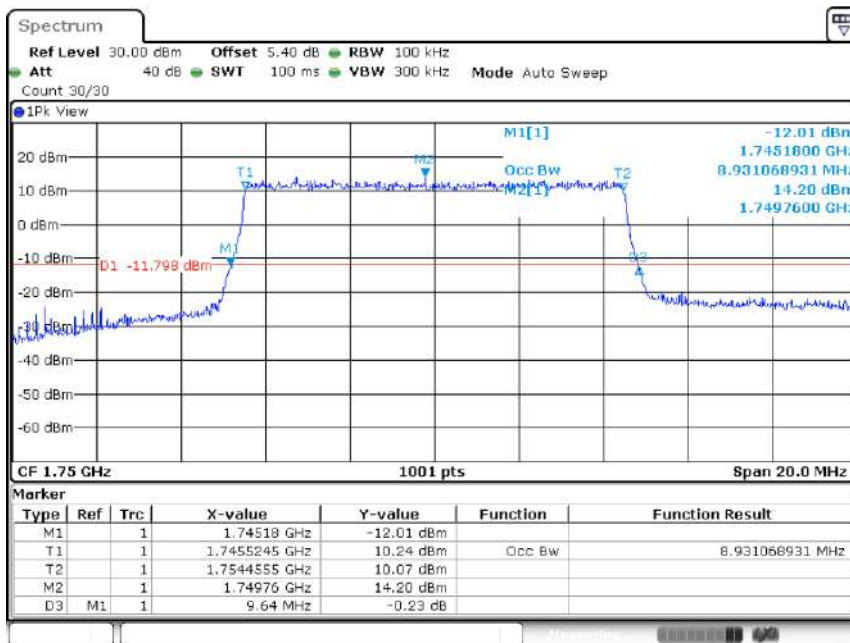
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Date: 25 AUG 2020 14:06:01

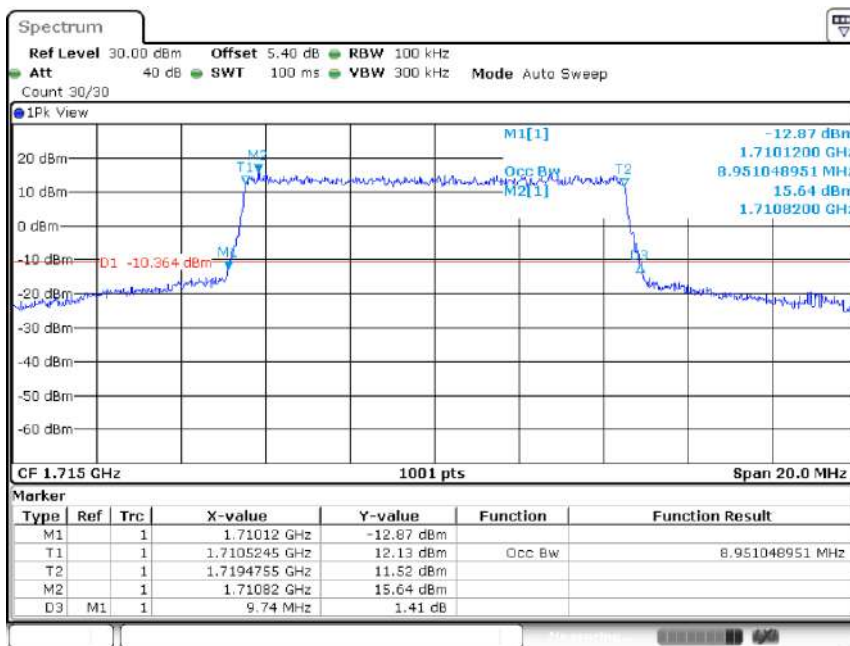


Band4-10MHz-64QAM-20350-50RB#0-8.931



Date: 25 AUG 2020 14:06:15

Band4-10MHz-16QAM-20000-50RB#0-8.951



Date: 24 AUG 2020 15:54:04



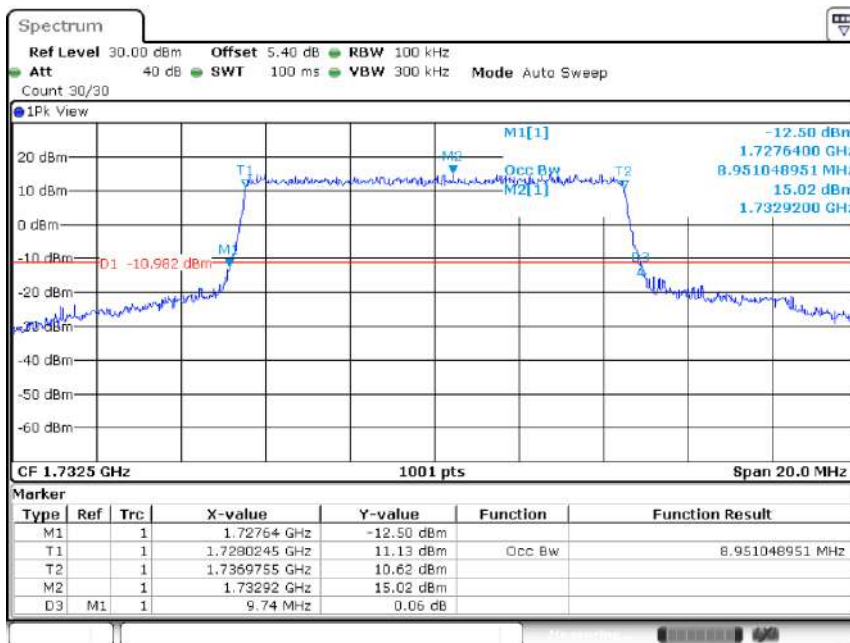
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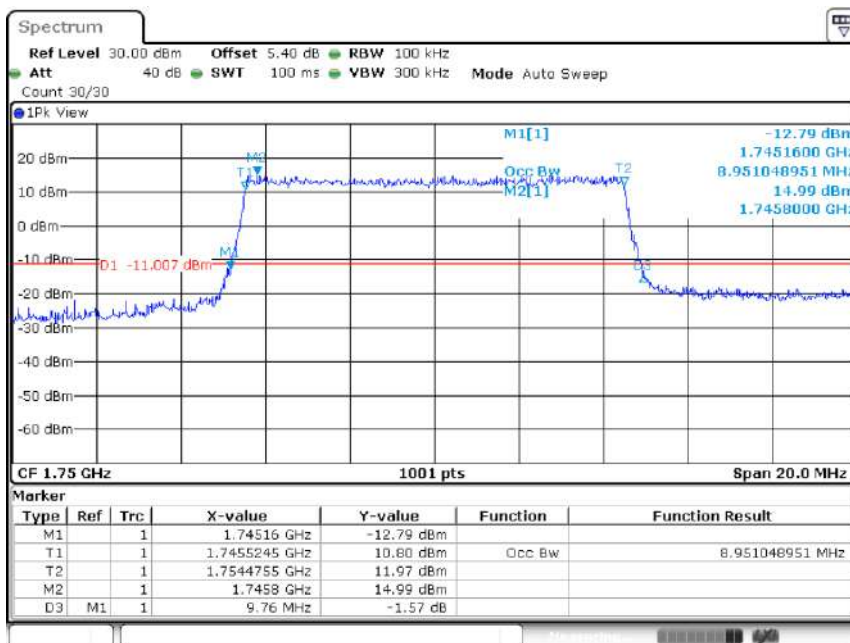
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Band4-10MHz-16QAM-20175-50RB#0-8.951



Date: 24 AUG 2020 15:54:30

Band4-10MHz-16QAM-20350-50RB#0-8.951



Date: 24 AUG 2020 15:54:56



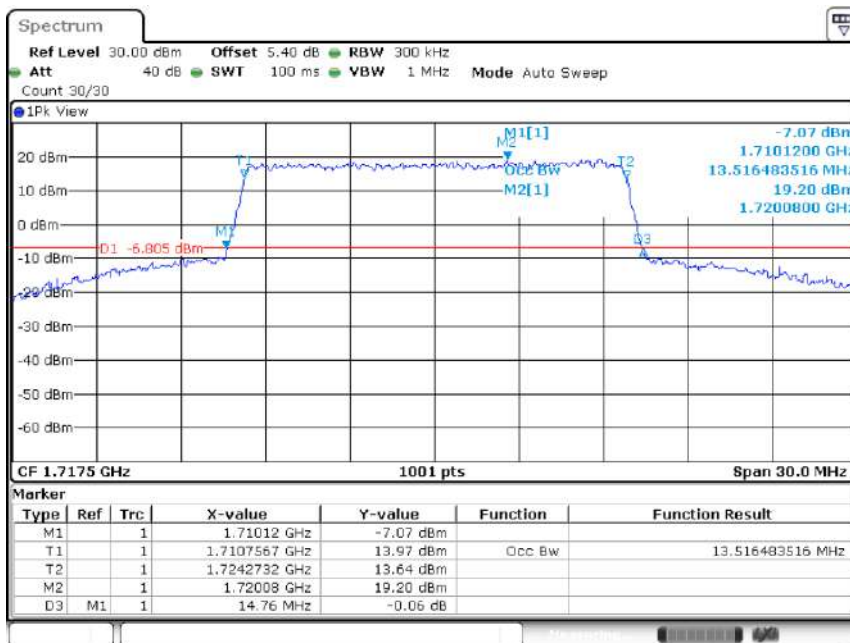
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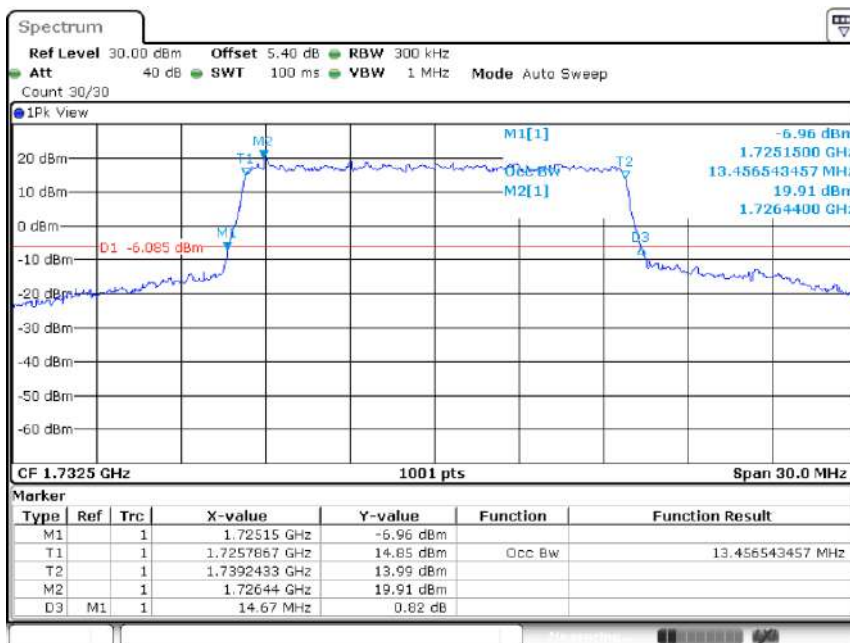
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Band4-15MHz-QPSK-20025-75RB#0-13.516



Date: 24 AUG 2020 15:55:13

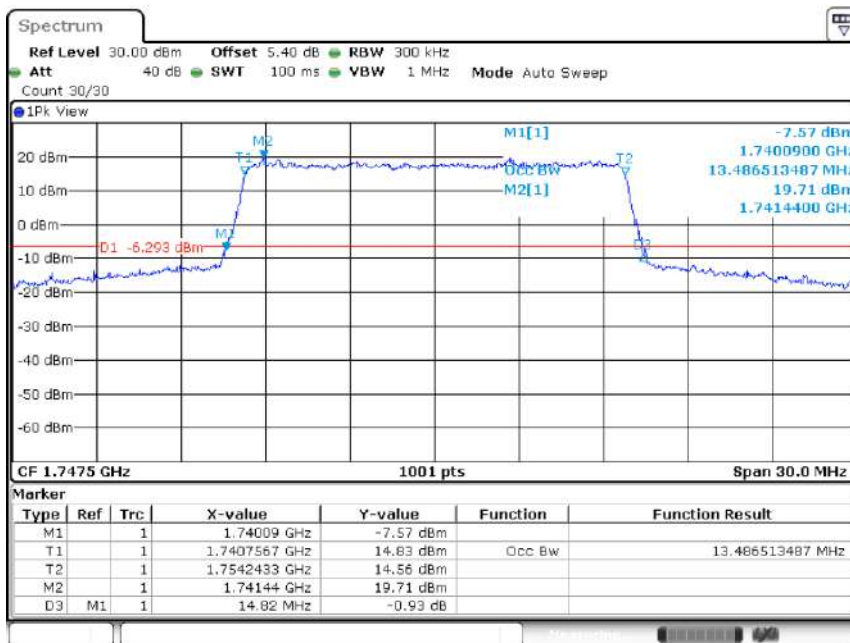
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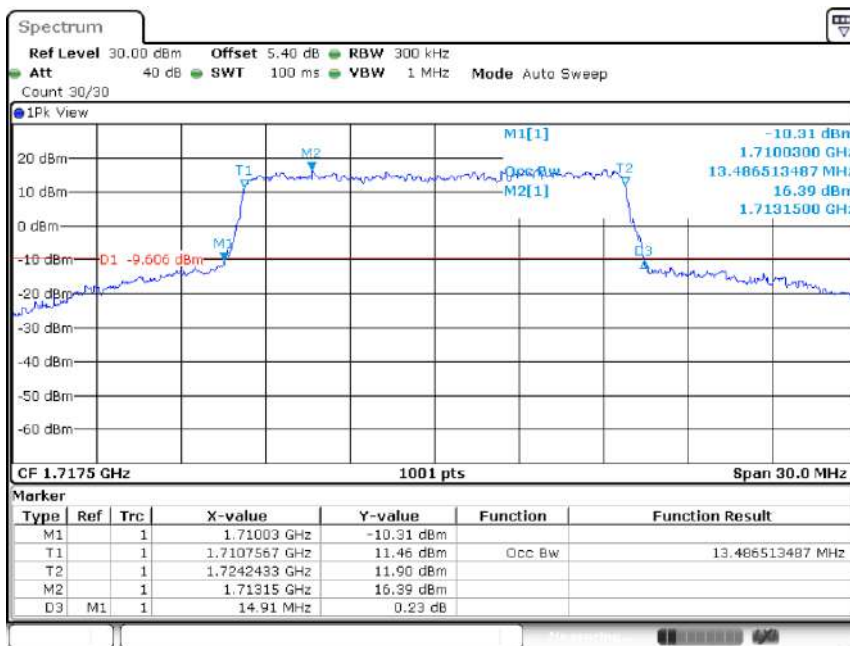


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Date: 24 AUG 2020 15:56:05

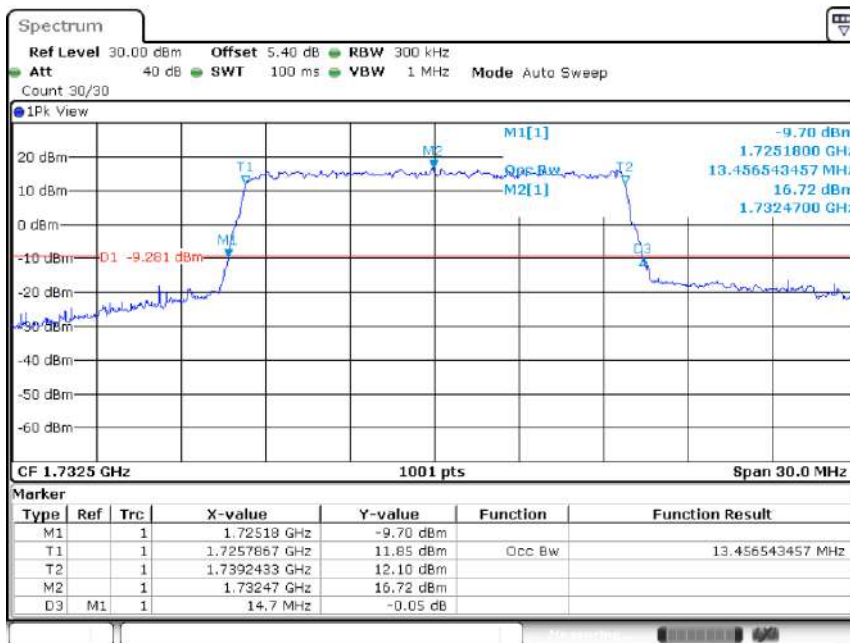
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Date: 25 AUG 2020 14:06:35

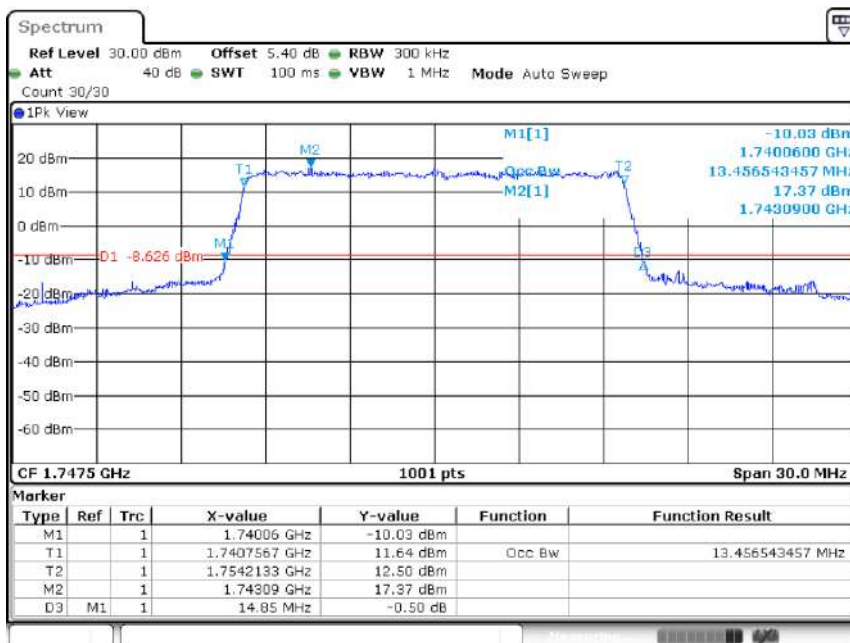


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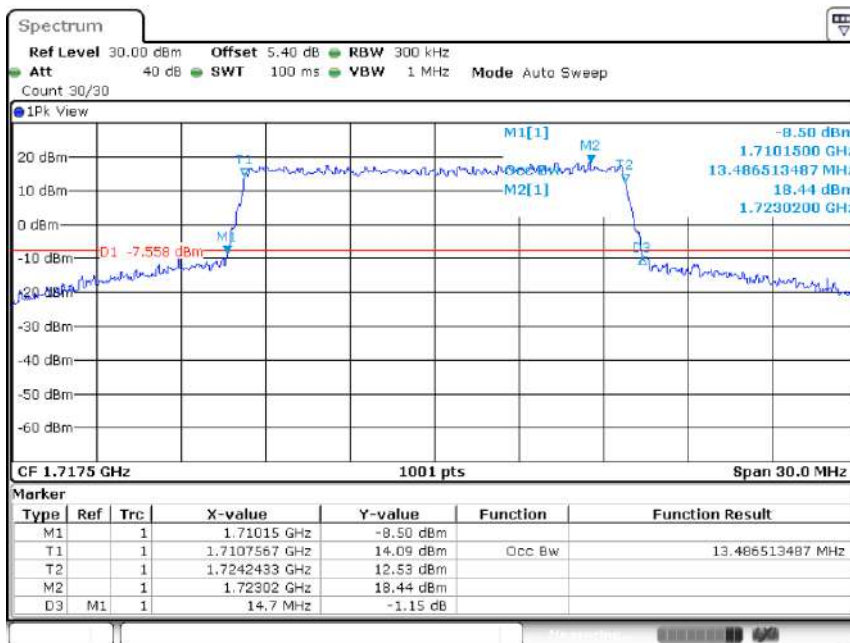
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Date: 25 AUG 2020 14:07:00

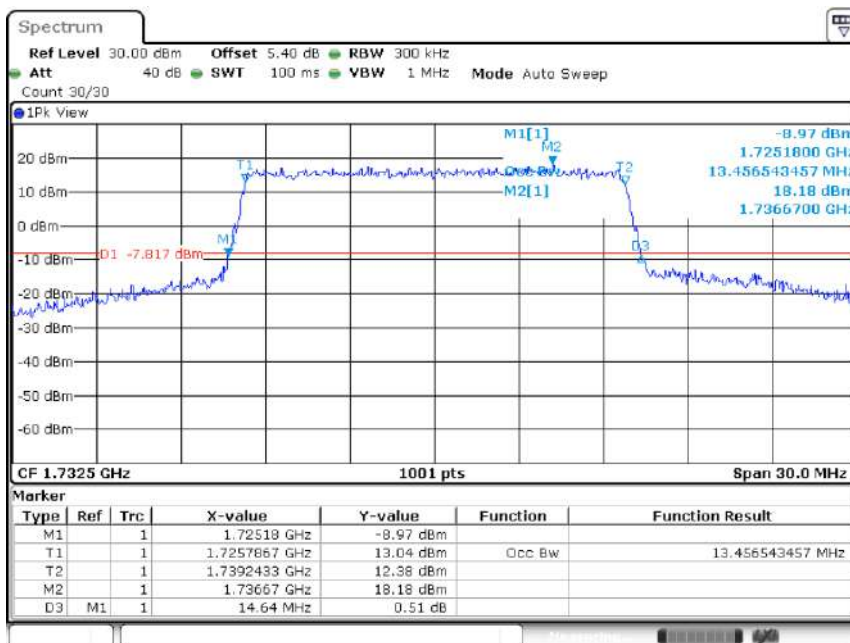


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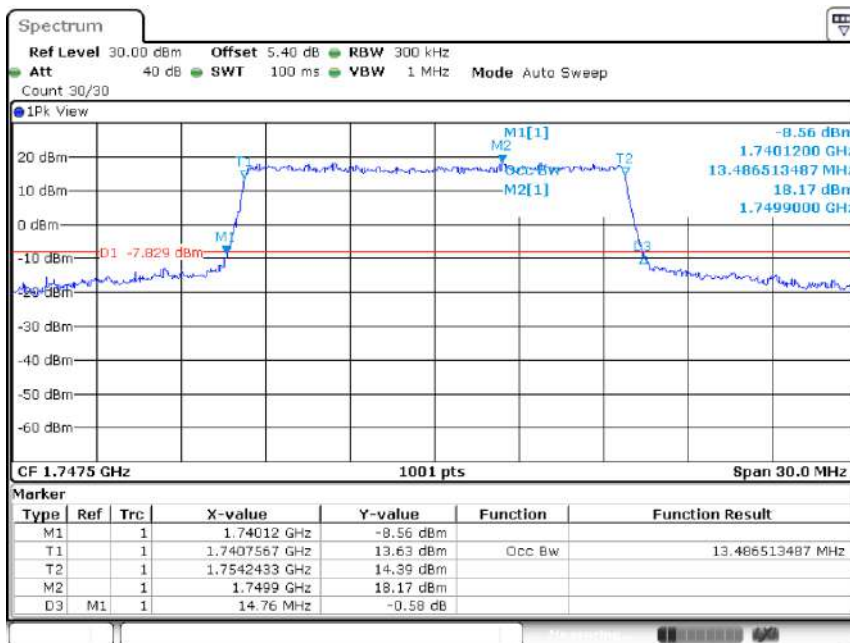
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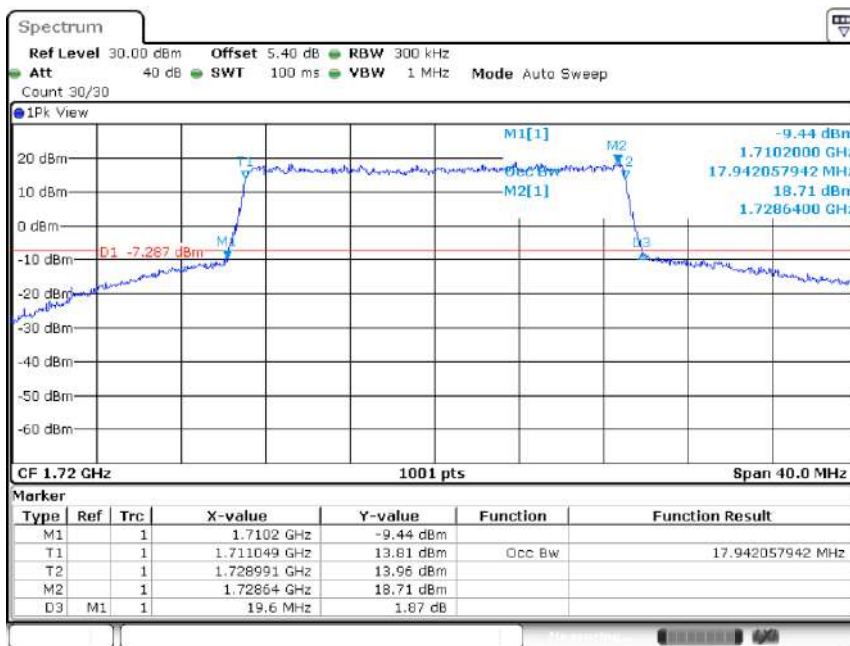


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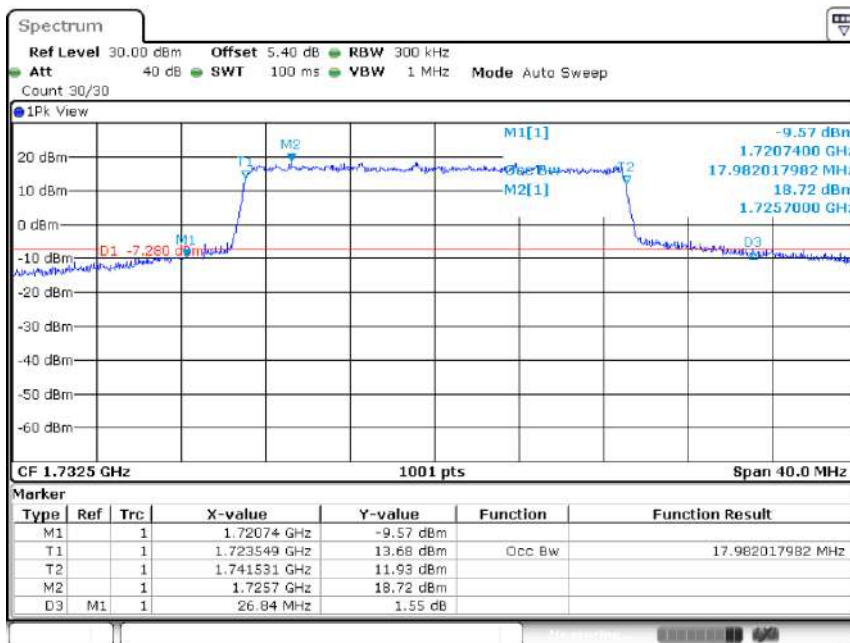
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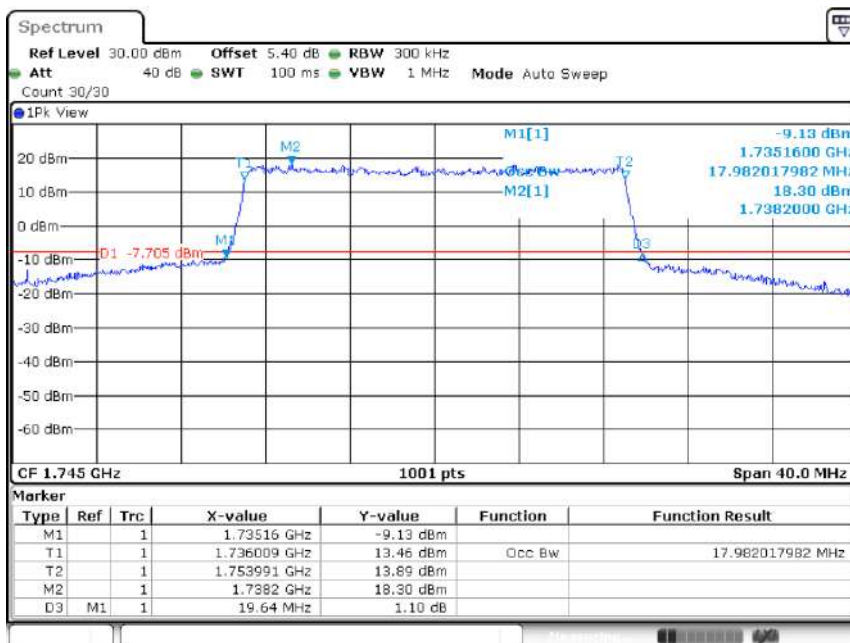


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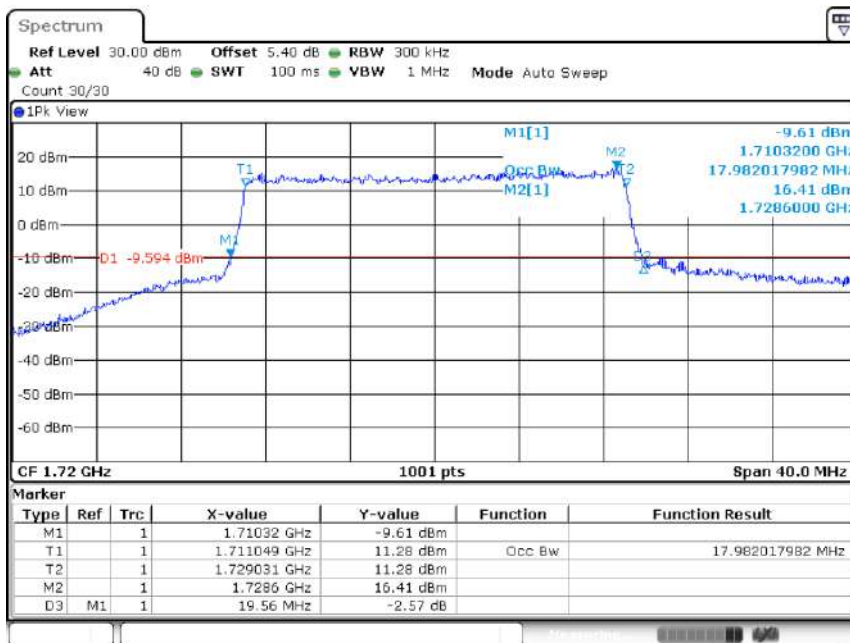
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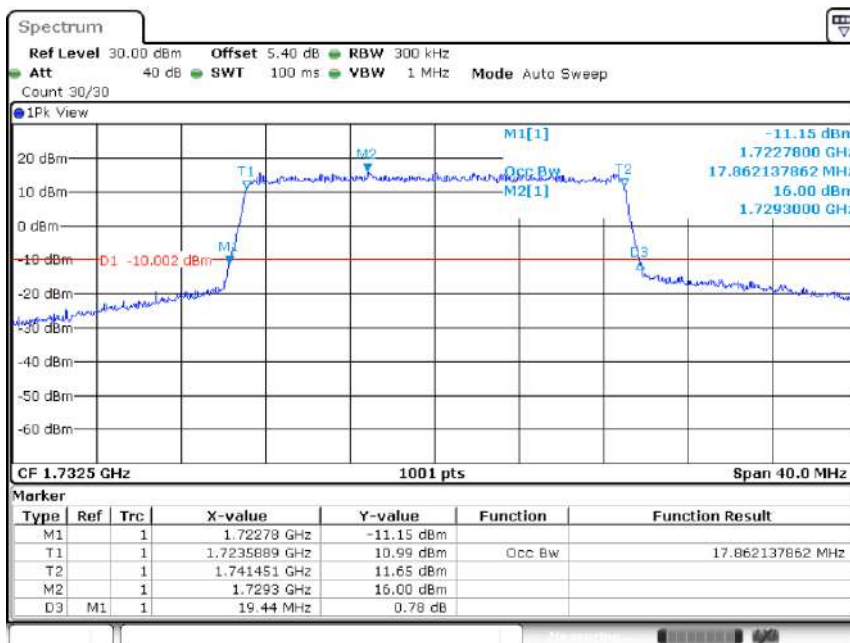


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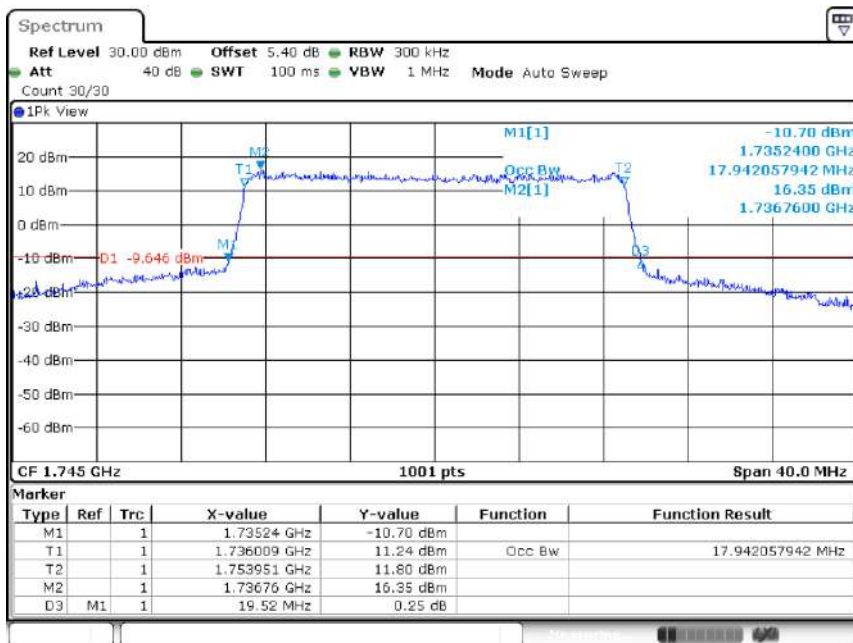
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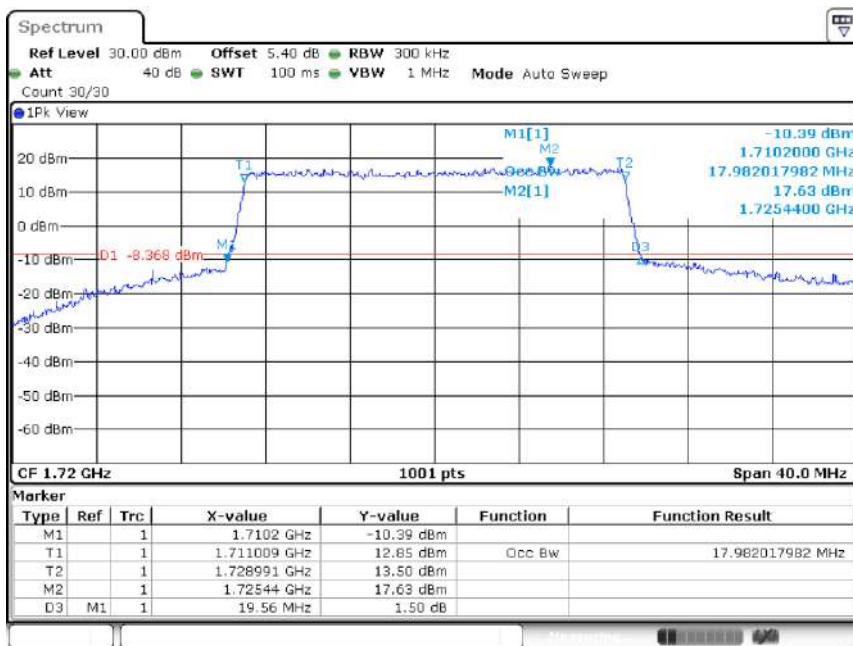


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Date: 25 AUG 2020 14:07:47

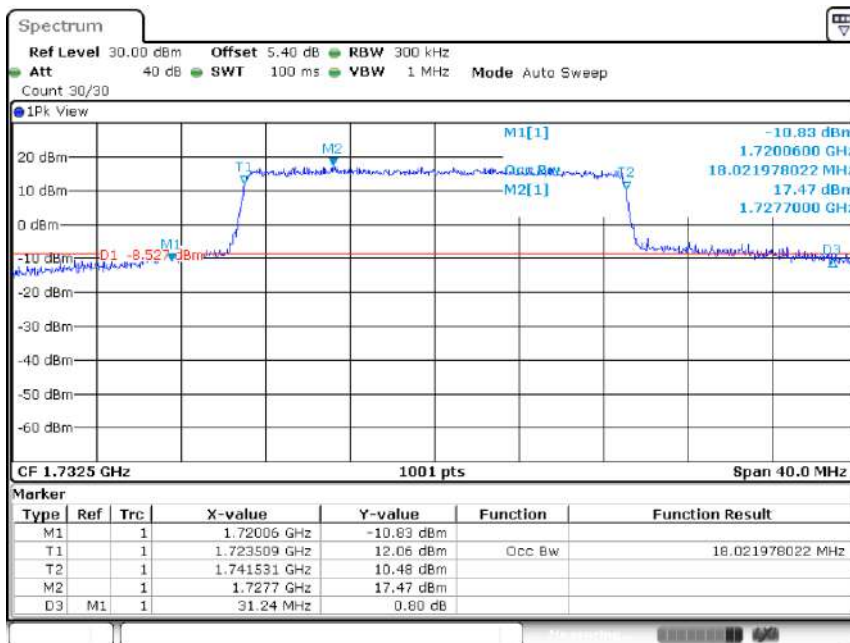
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Date: 24 AUG 2020 15:56:48

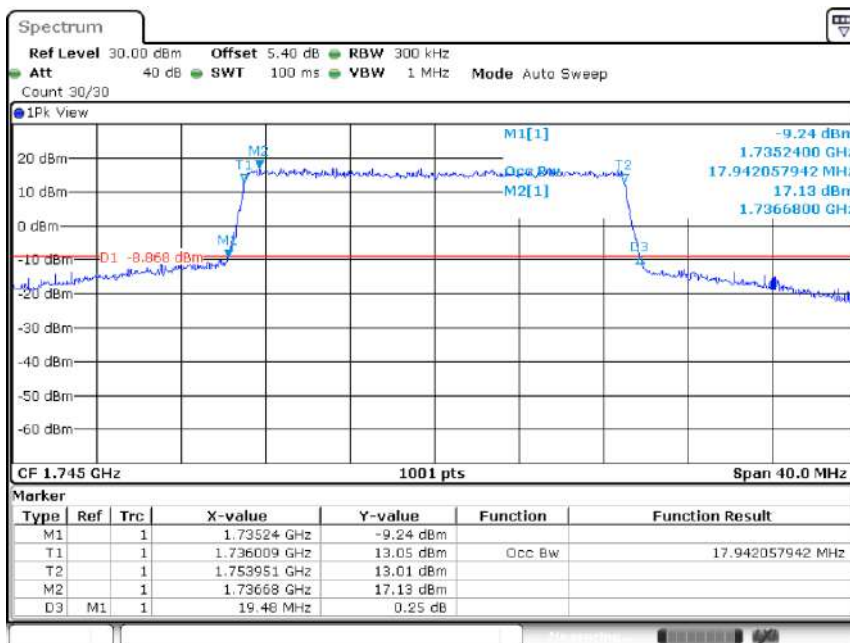


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Date: 24 AUG 2020 15:57:16

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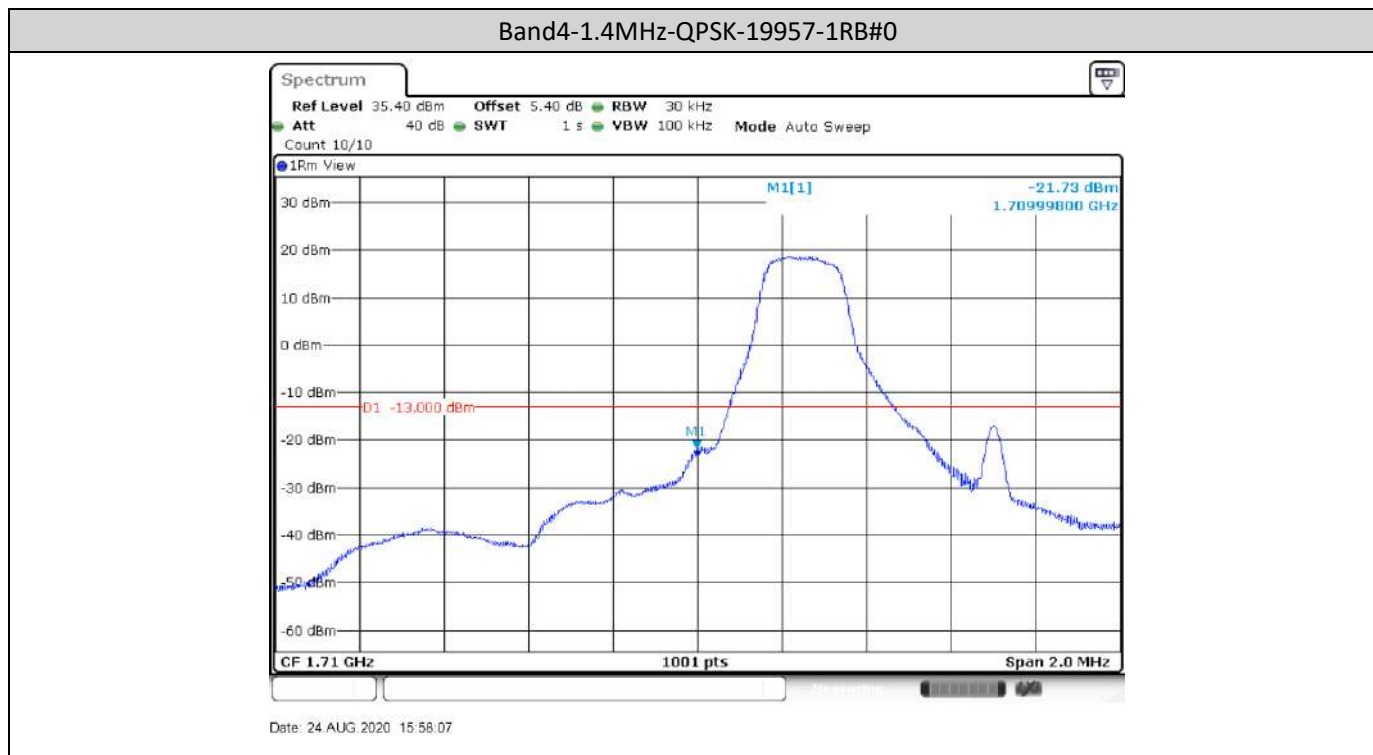


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5. Band Edge Compliance

5.1. Test Plots



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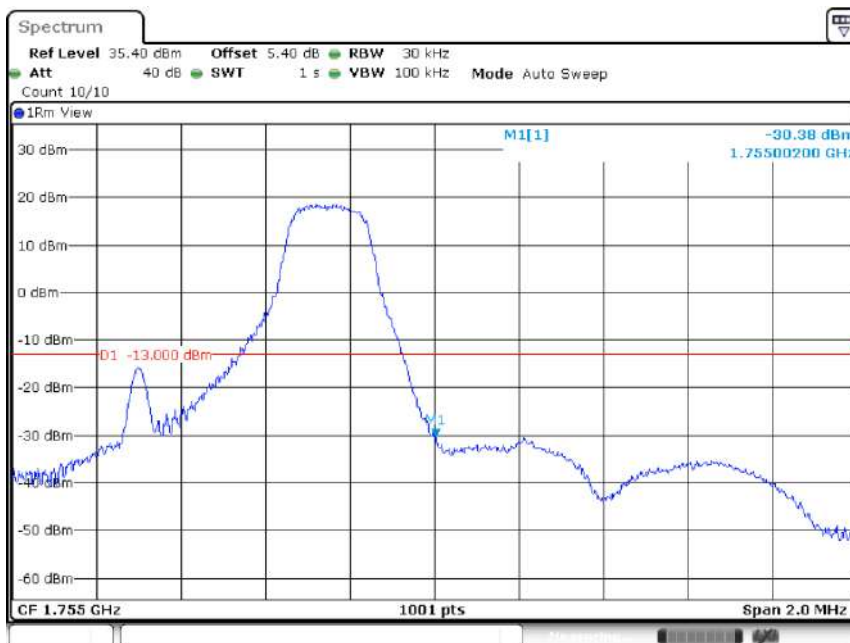
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Band4-1.4MHz-QPSK-19957-6RB#0



Date: 24 AUG 2020 15:58:48

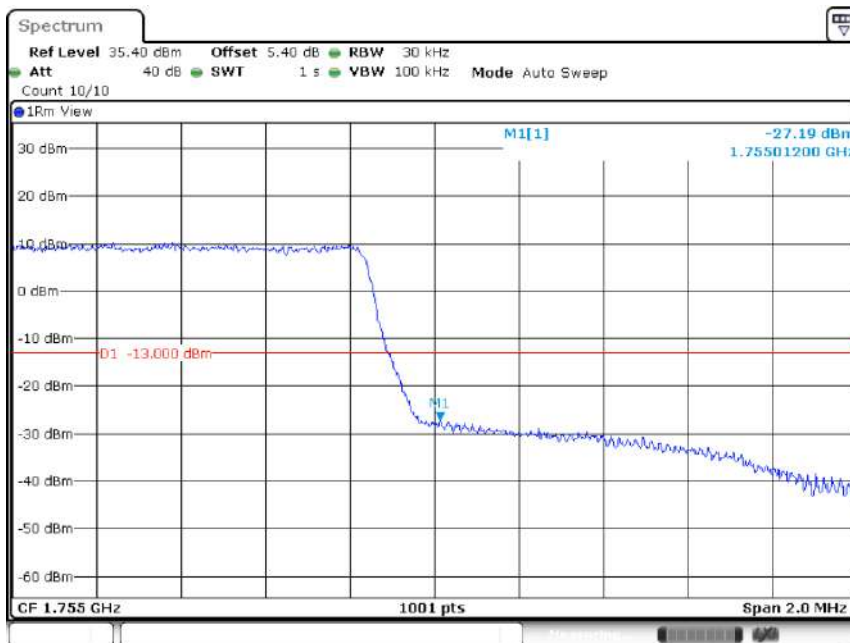
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Date: 24 AUG 2020 15:59:33

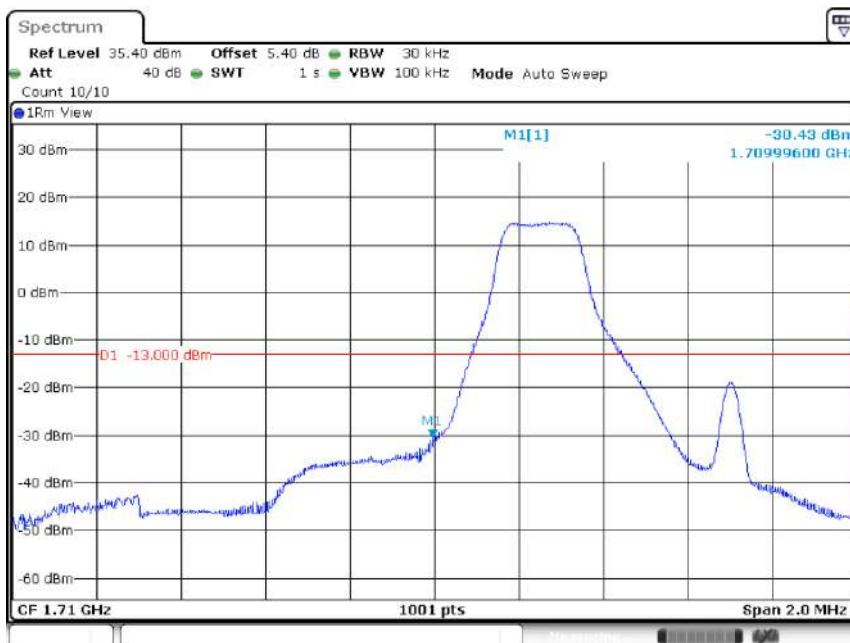


Band4-1.4MHz-QPSK-20393-6RB#0



Date: 24 AUG 2020 16:00:14

Band4-1.4MHz-64QAM-19957-1RB#0



Date: 25 AUG 2020 14:08:26

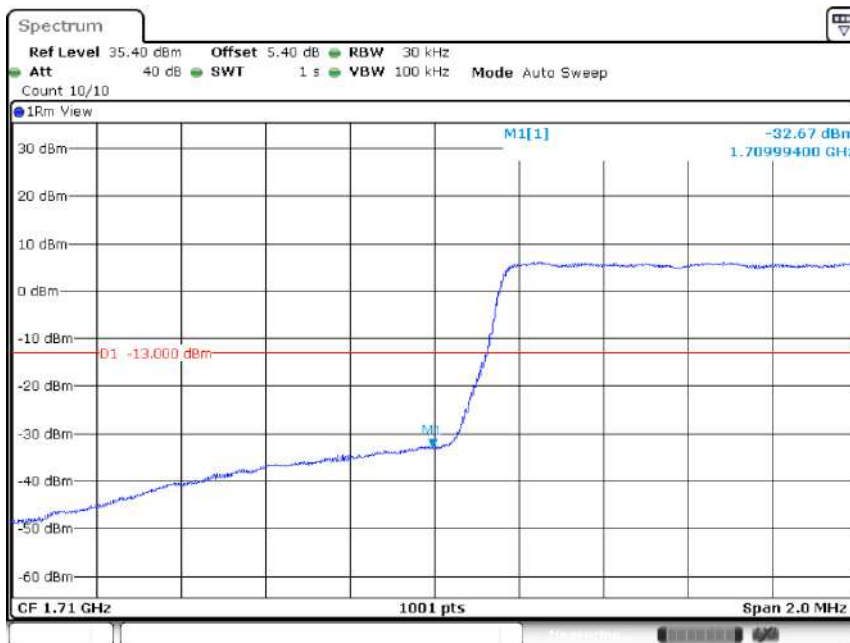


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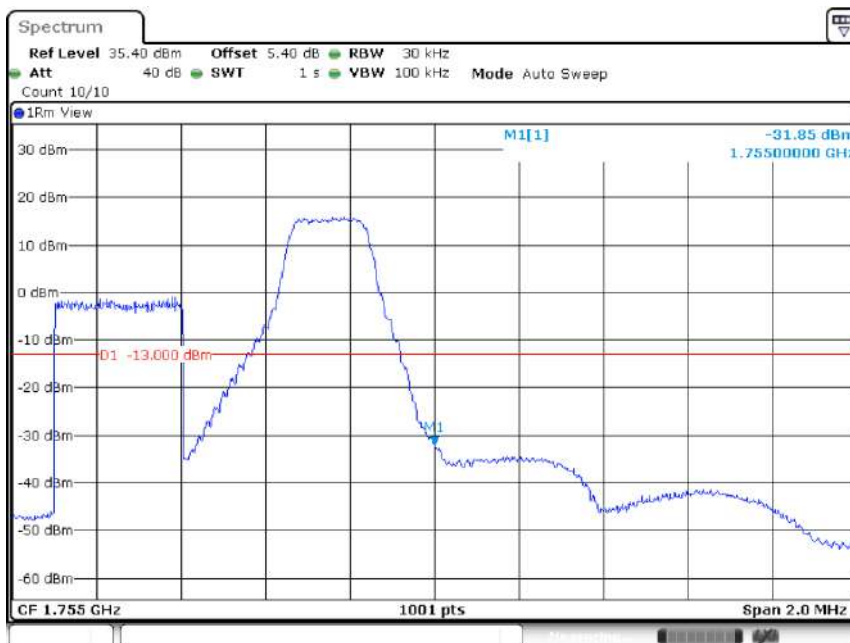
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Band4-1.4MHz-64QAM-19957-6RB#0



Date: 25 AUG 2020 14:08:46

Band4-1.4MHz-64QAM-20393-1RB#5



Date: 25 AUG 2020 14:09:24

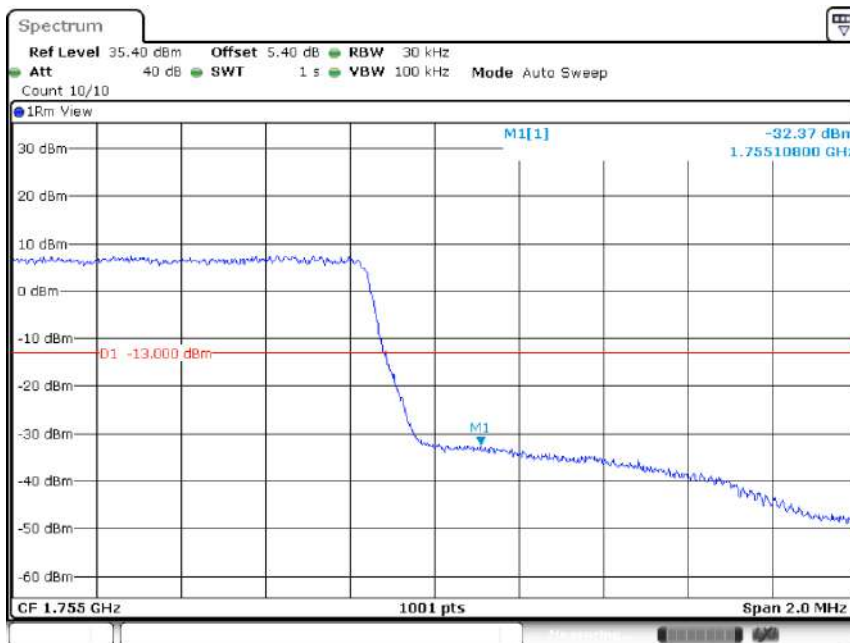


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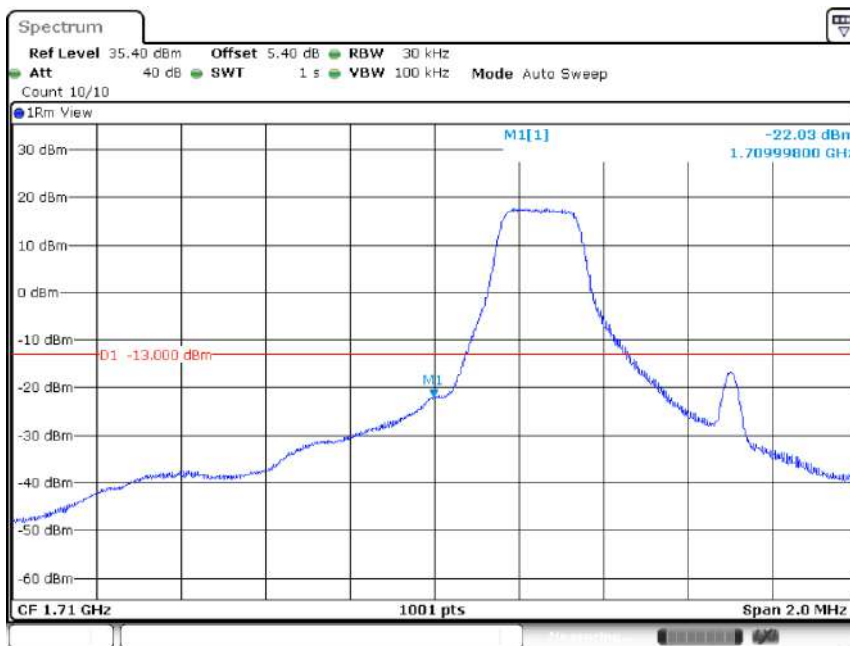
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Band4-1.4MHz-64QAM-20393-6RB#0



Date: 25 AUG 2020 14:09:45

Band4-1.4MHz-16QAM-19957-1RB#0



Date: 24 AUG 2020 15:58:28



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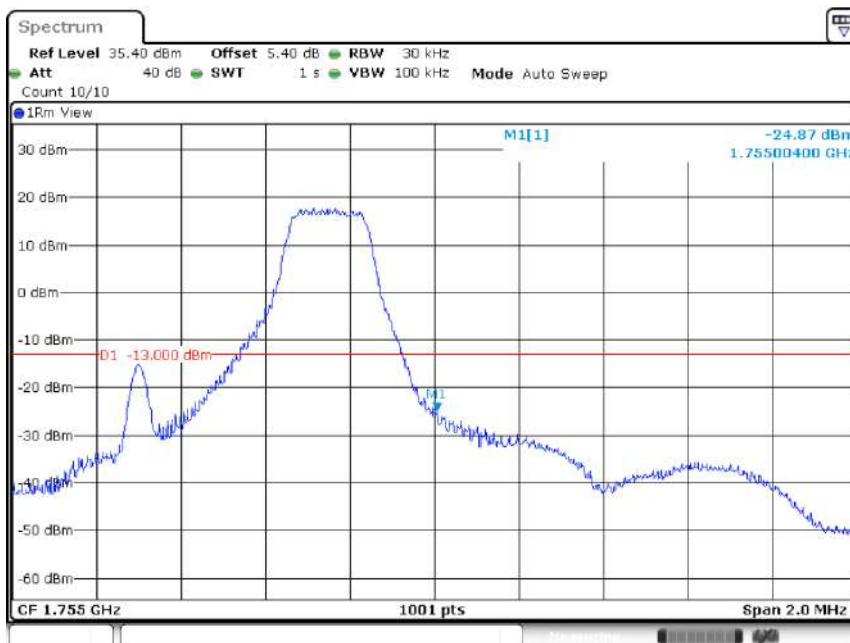
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Band4-1.4MHz-16QAM-19957-6RB#0



Date: 24 AUG 2020 15:59:08

Band4-1.4MHz-16QAM-20393-1RB#5



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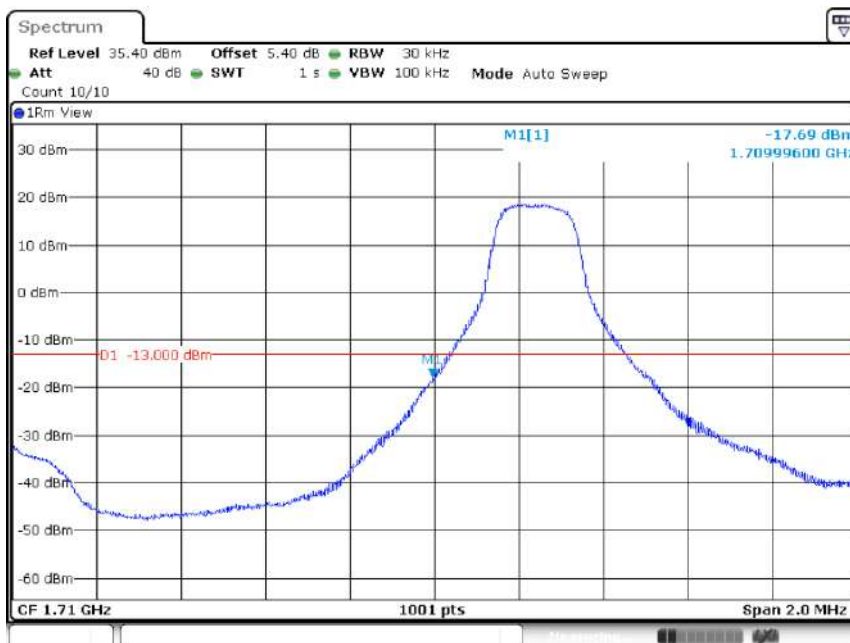
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Band4-1.4MHz-16QAM-20393-6RB#0



Date: 24 AUG 2020 16:00:34

Band4-3MHz-QPSK-19965-1RB#0



Date: 24 AUG 2020 16:01:00



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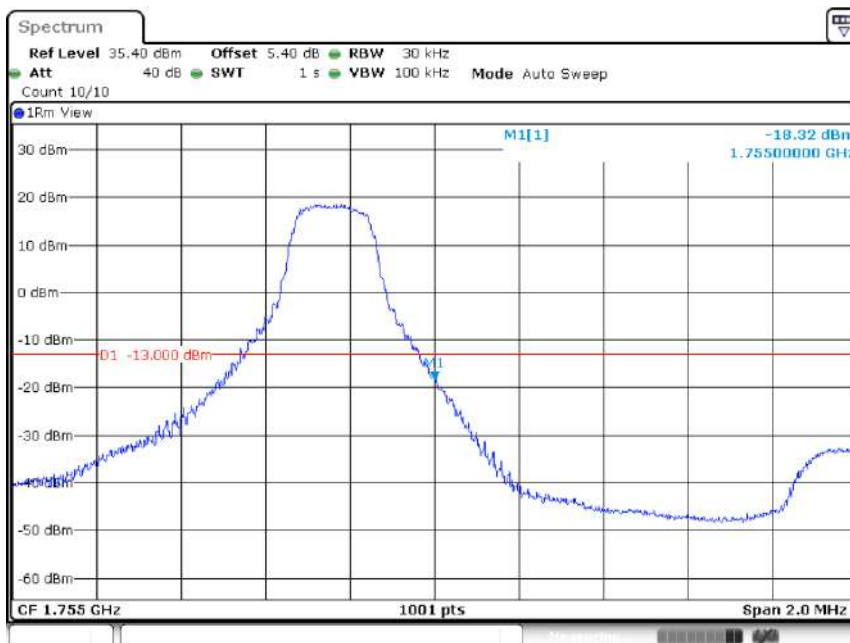
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Band4-3MHz-QPSK-19965-15RB#0



Date: 24 AUG 2020 16:01:40

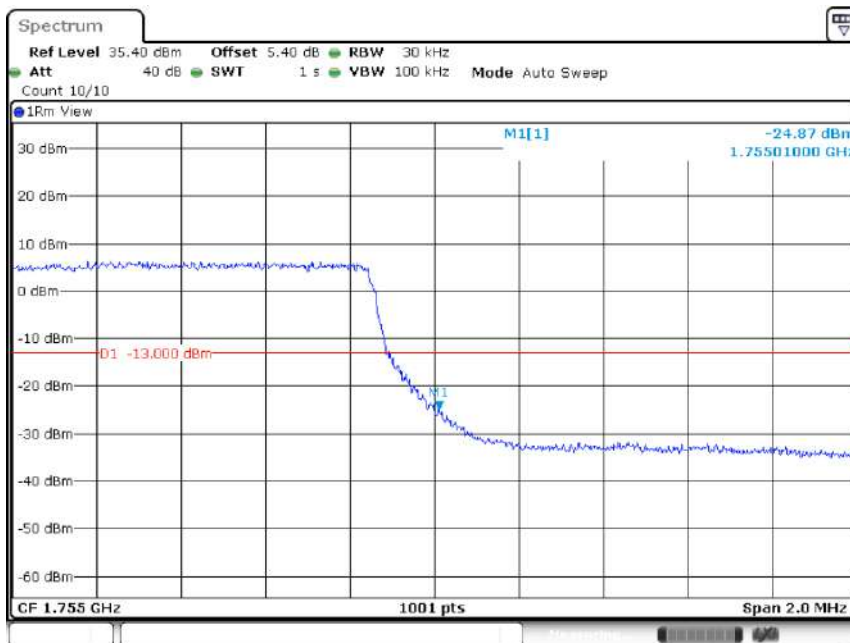
Band4-3MHz-QPSK-20385-1RB#14



Date: 24 AUG 2020 16:02:26

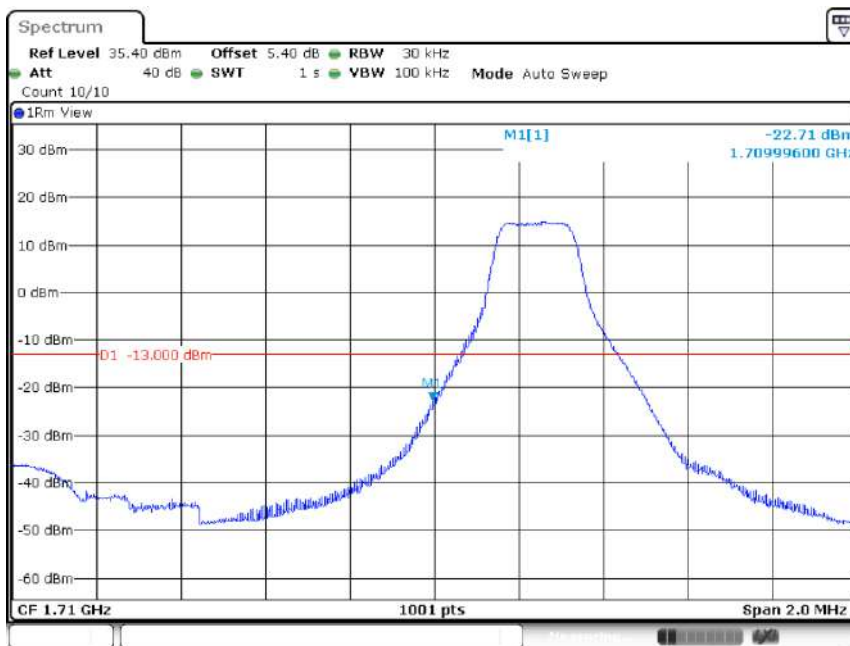


Band4-3MHz-QPSK-20385-15RB#0



Date: 24 AUG 2020 16:03:07

Band4-3MHz-64QAM-19965-1RB#0



Date: 25 AUG 2020 14:10:50

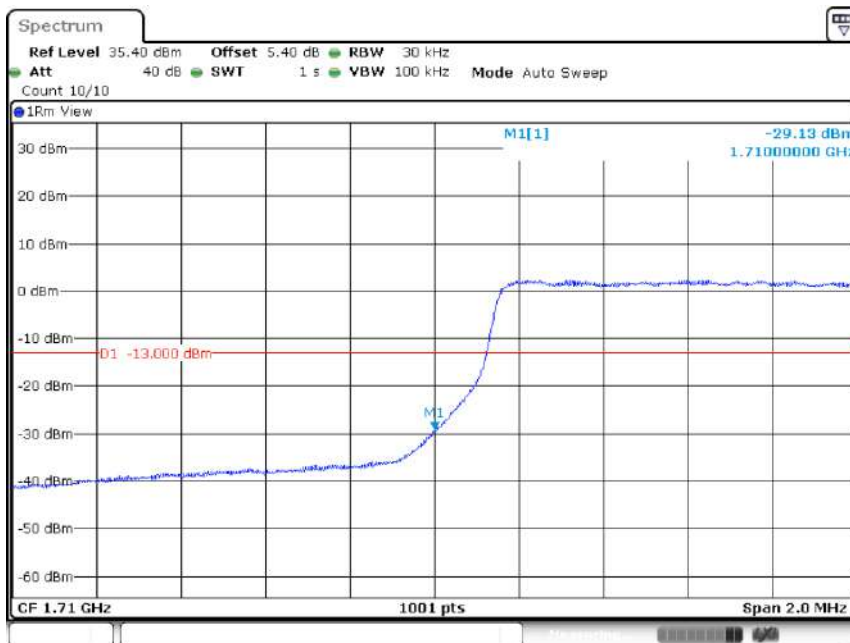


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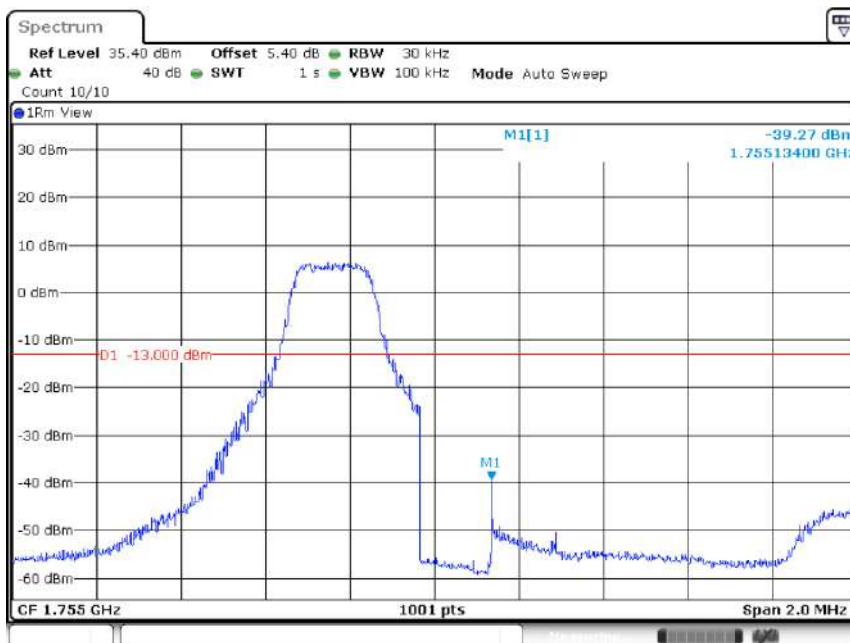
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Band4-3MHz-64QAM-19965-15RB#0



Date: 25 AUG 2020 14:11:15

Band4-3MHz-64QAM-20385-1RB#14



Date: 25 AUG 2020 14:11:53

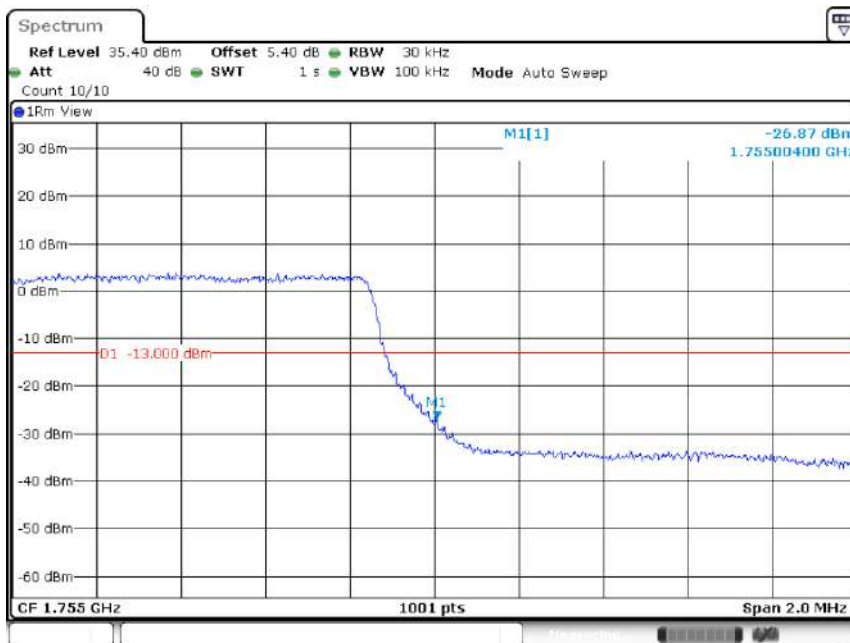


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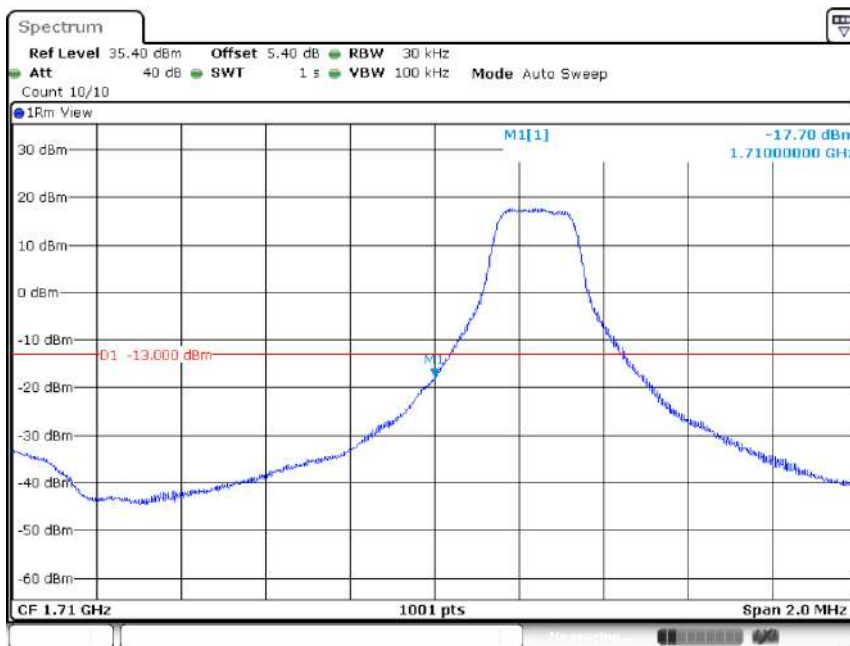
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Band4-3MHz-64QAM-20385-15RB#0



Date: 25 AUG 2020 14:12:14

Band4-3MHz-16QAM-19965-1RB#0



Date: 24 AUG 2020 16:01:20

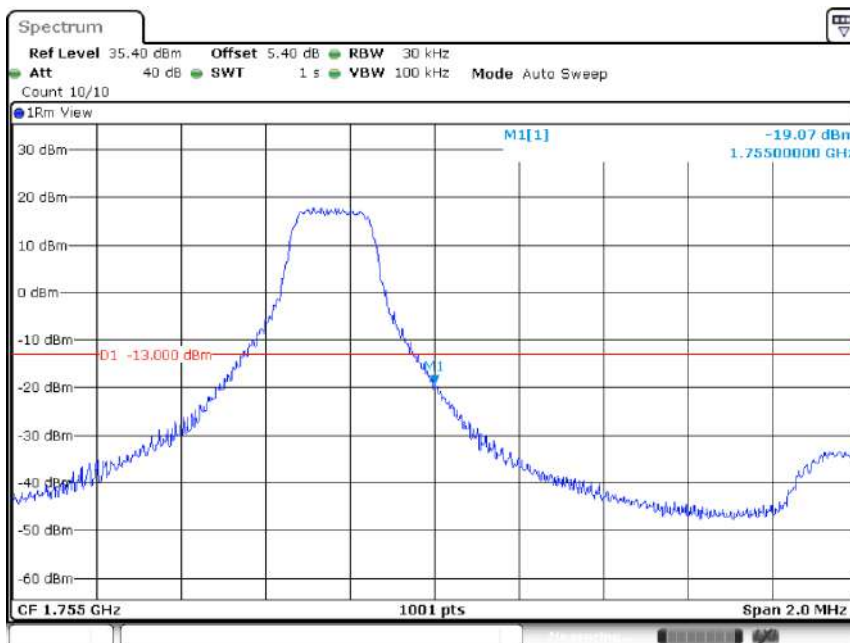


Band4-3MHz-16QAM-19965-15RB#0



Date: 24 AUG 2020 16:02:01

Band4-3MHz-16QAM-20385-1RB#14



Date: 24 AUG 2020 16:02:46

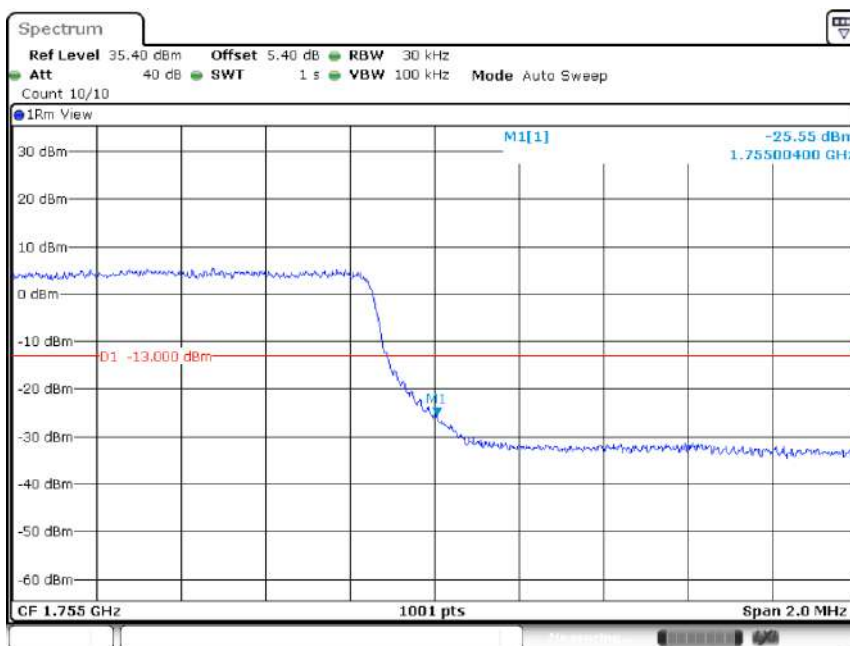


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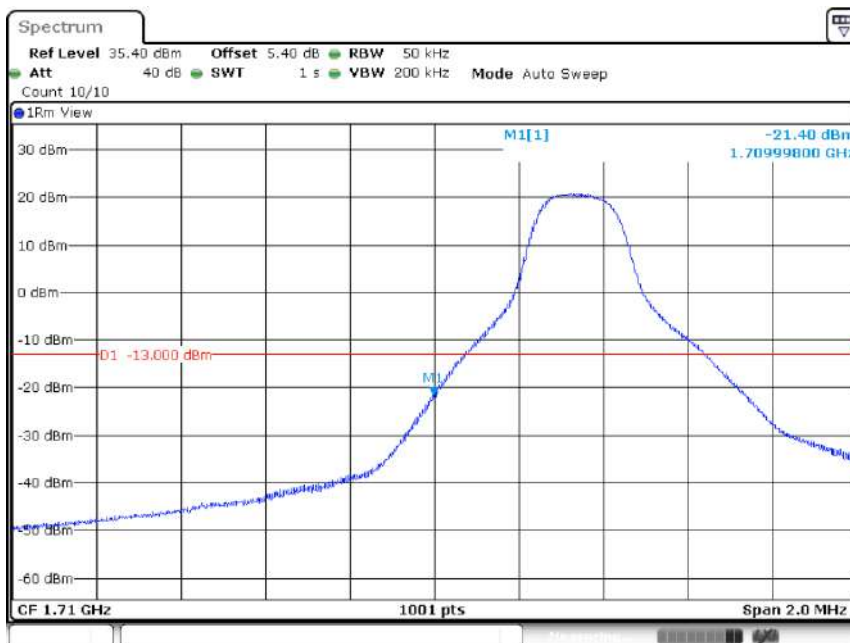
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Band4-3MHz-16QAM-20385-15RB#0



Date: 24 AUG 2020 16:03:27

Band4-5MHz-QPSK-19975-1RB#0



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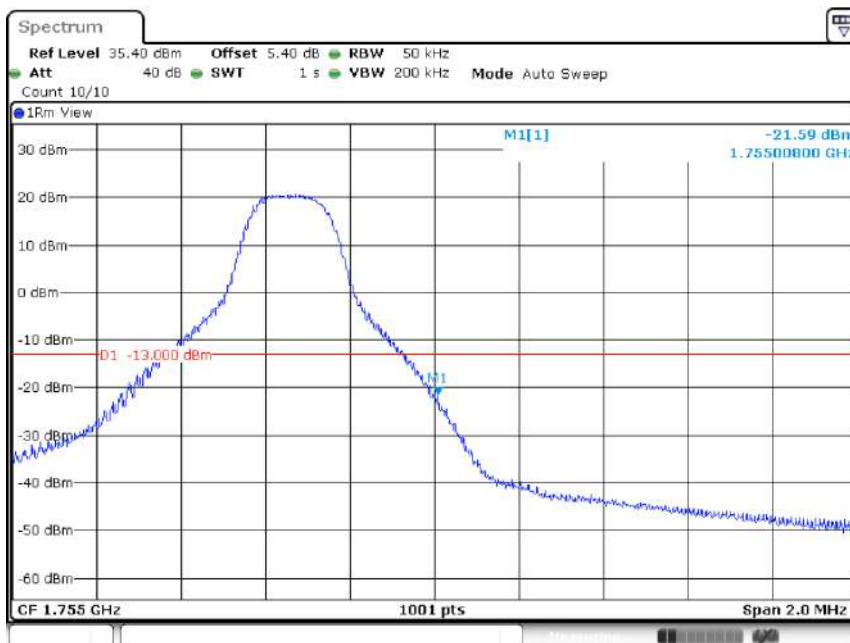
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Band4-5MHz-QPSK-19975-25RB#0



Date: 24 AUG 2020 16:04:37

Band4-5MHz-QPSK-20375-1RB#24



Date: 24 AUG 2020 16:05:22

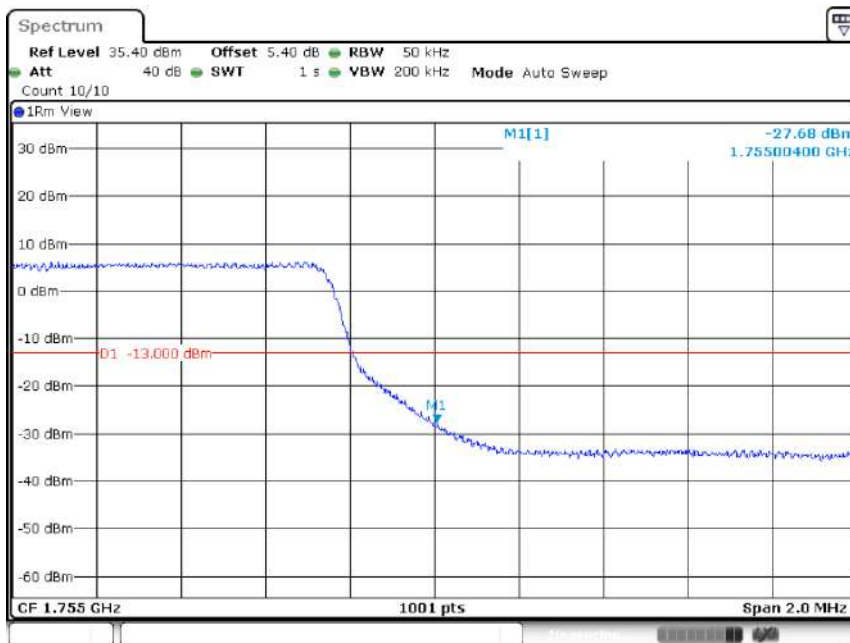


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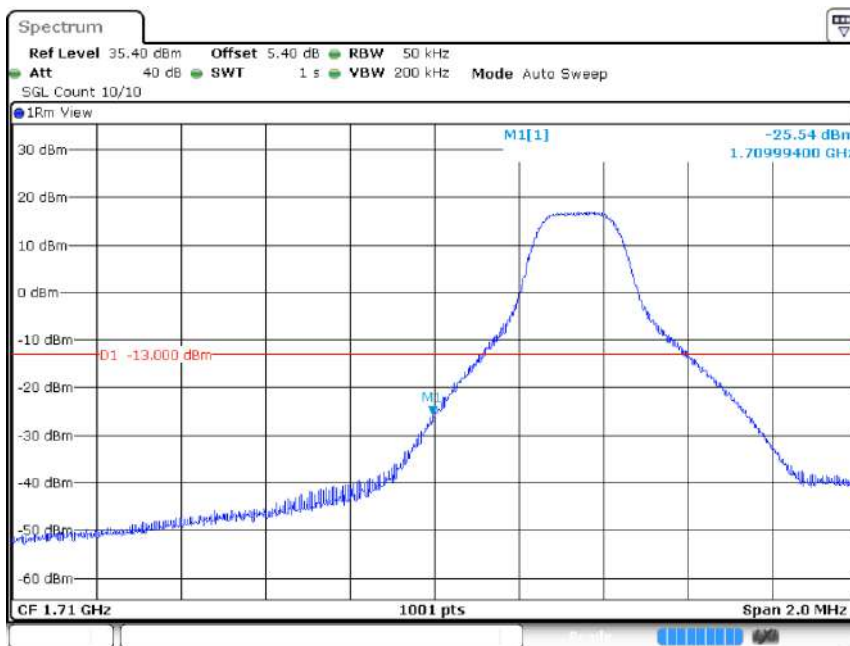
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Band4-5MHz-QPSK-20375-25RB#0



Date: 24 AUG 2020 16:06:03

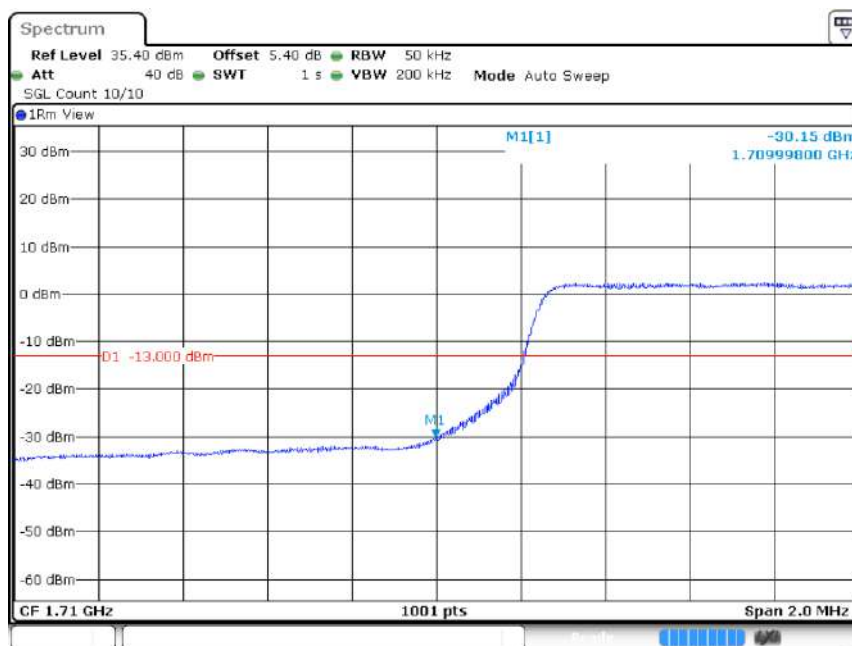
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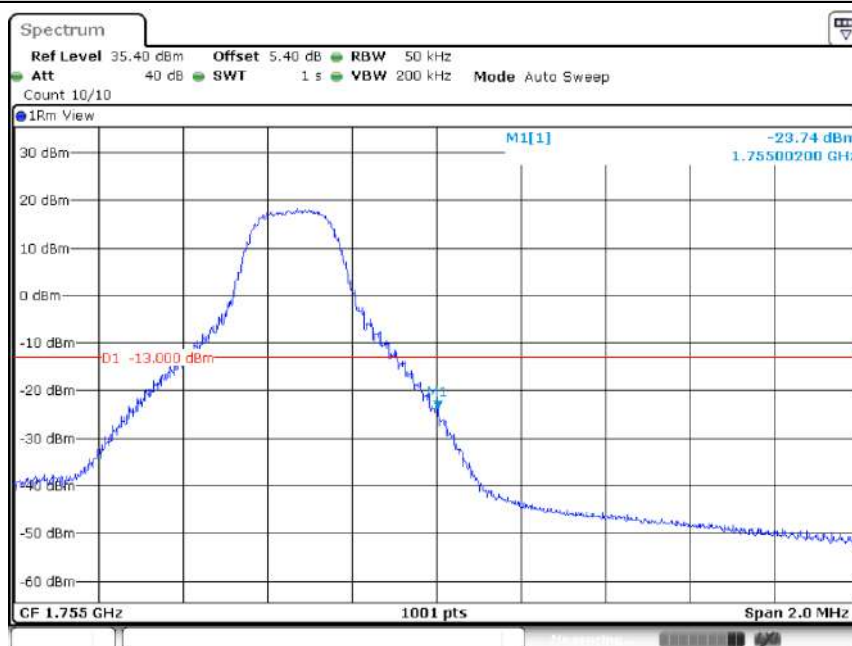


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Band4-5MHz-64QAM-20375-1RB#24



Date: 25 AUG 2020 14:15:22

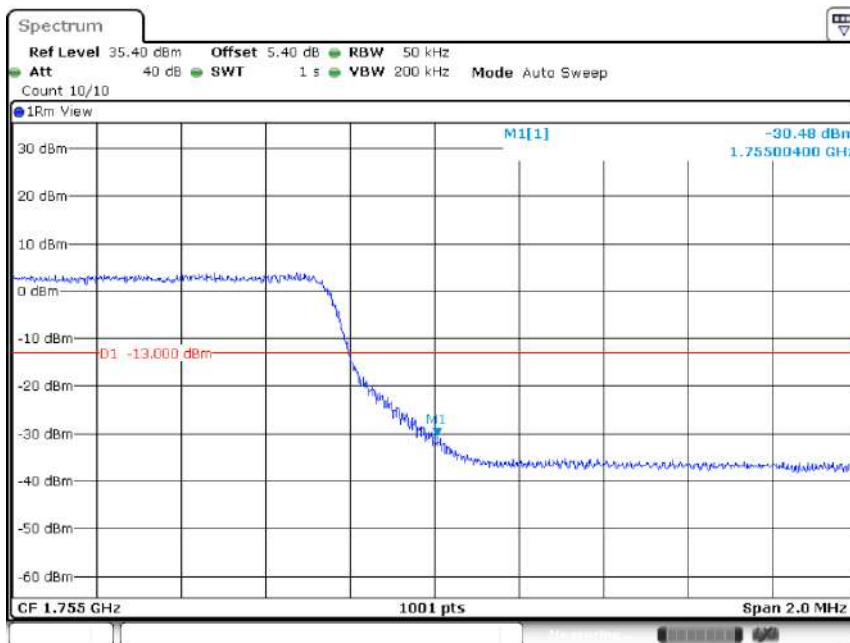


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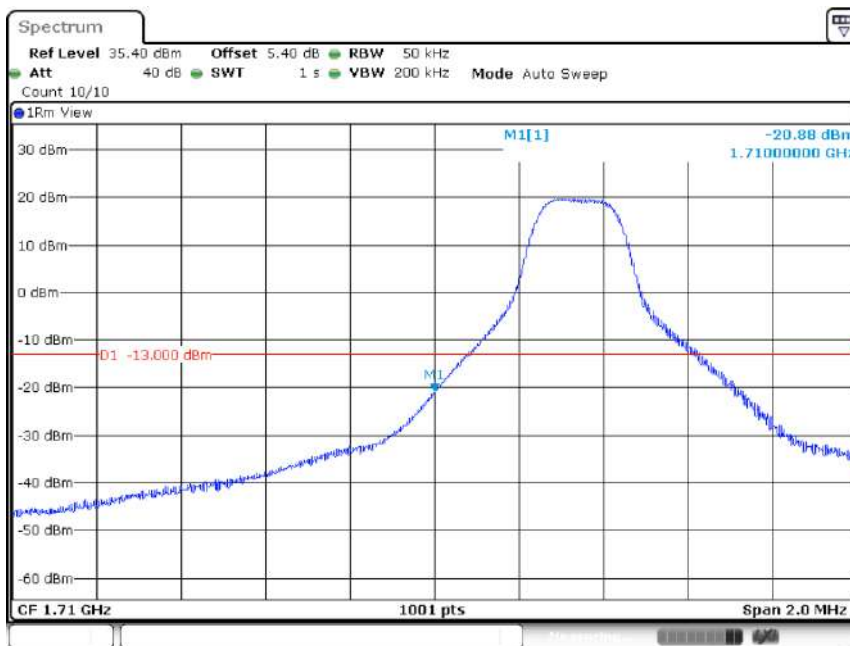
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Band4-5MHz-64QAM-20375-25RB#0



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Band4-5MHz-16QAM-19975-1RB#0



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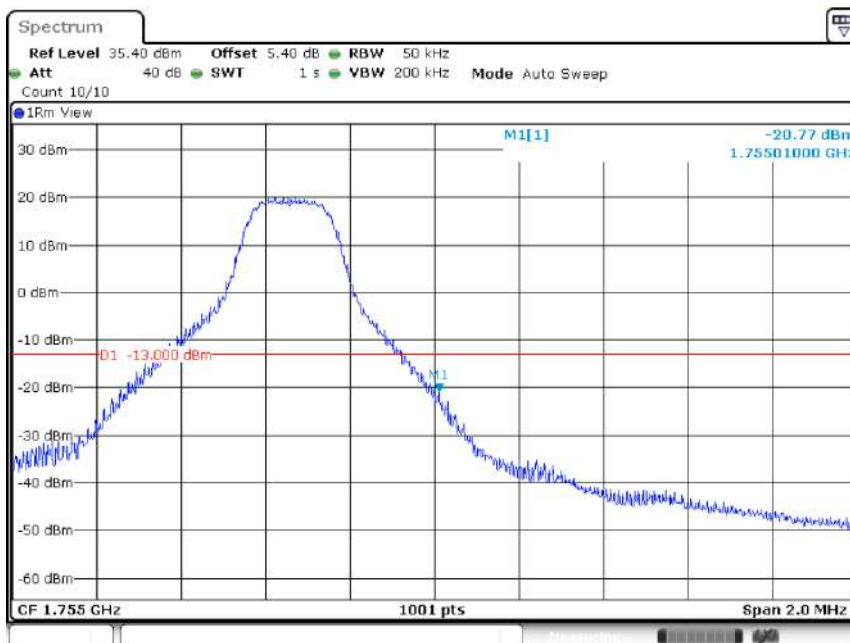
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Date: 24 AUG 2020 16:04:57

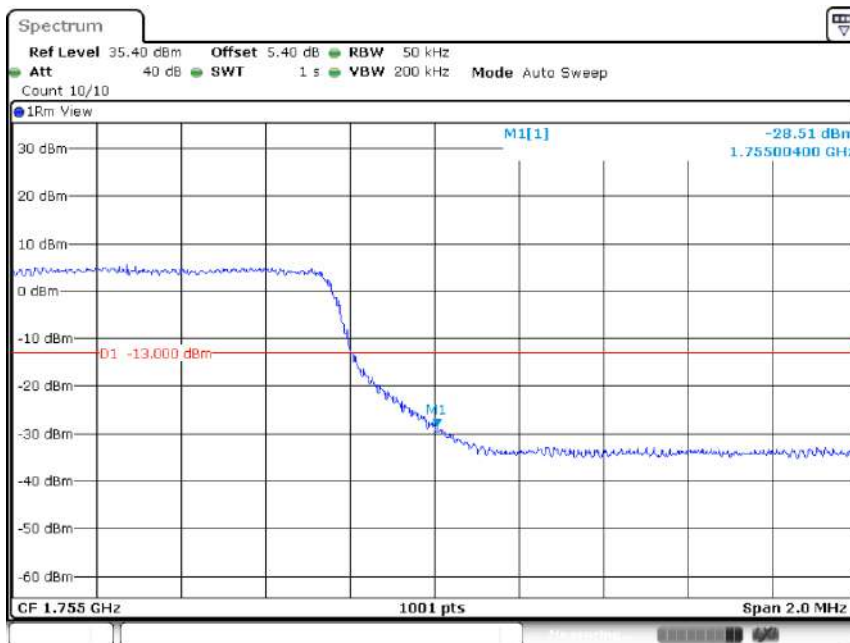
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Date: 24 AUG 2020 16:05:43

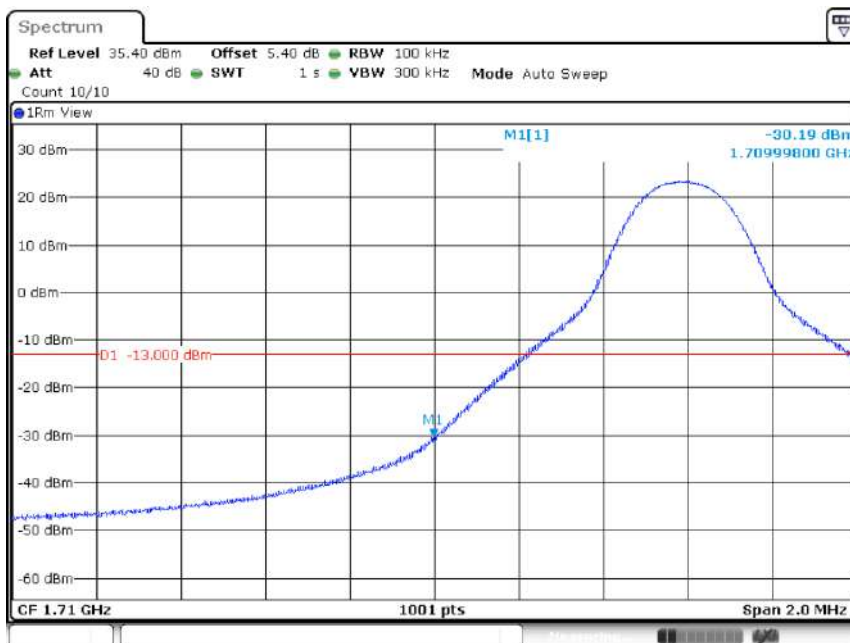


Band4-5MHz-16QAM-20375-25RB#0



Date: 24 AUG 2020 16:06:24

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Date: 24 AUG 2020 16:06:49



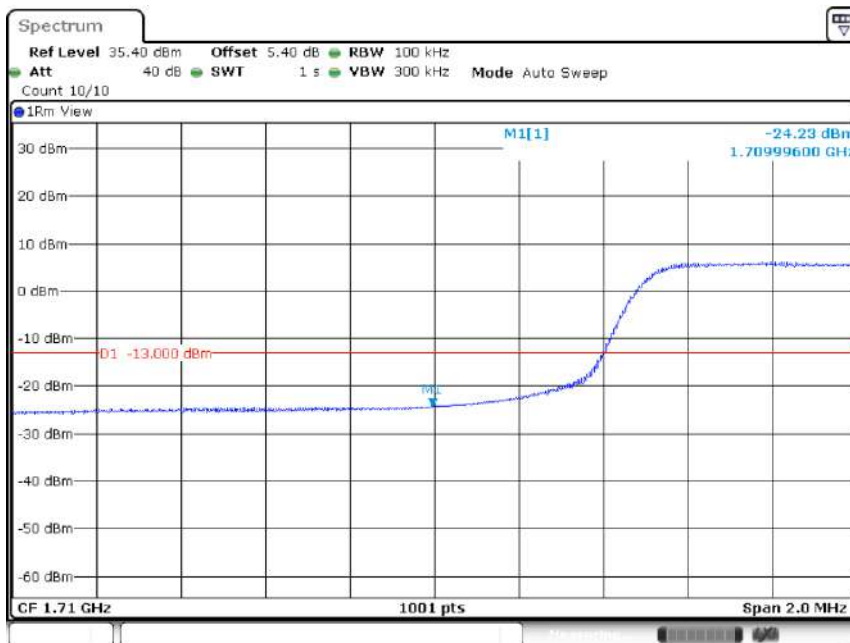
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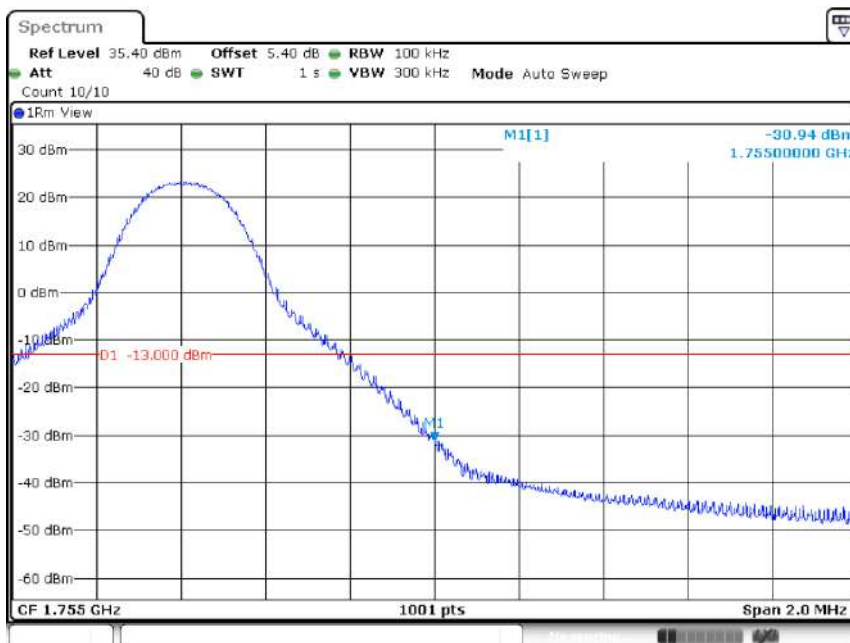
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Band4-10MHz-QPSK-20000-50RB#0



Date: 24 AUG 2020 16:07:30

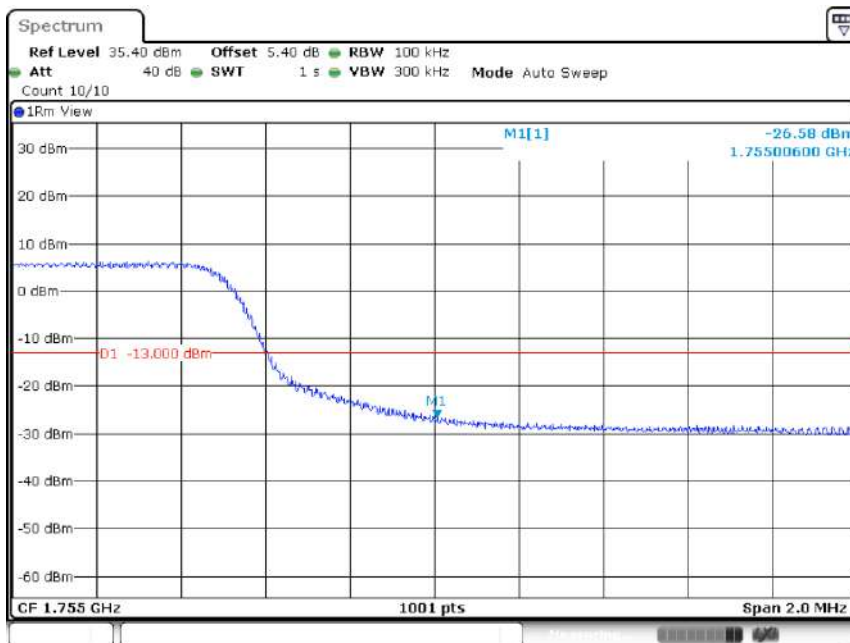
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Date: 24 AUG 2020 16:08:16

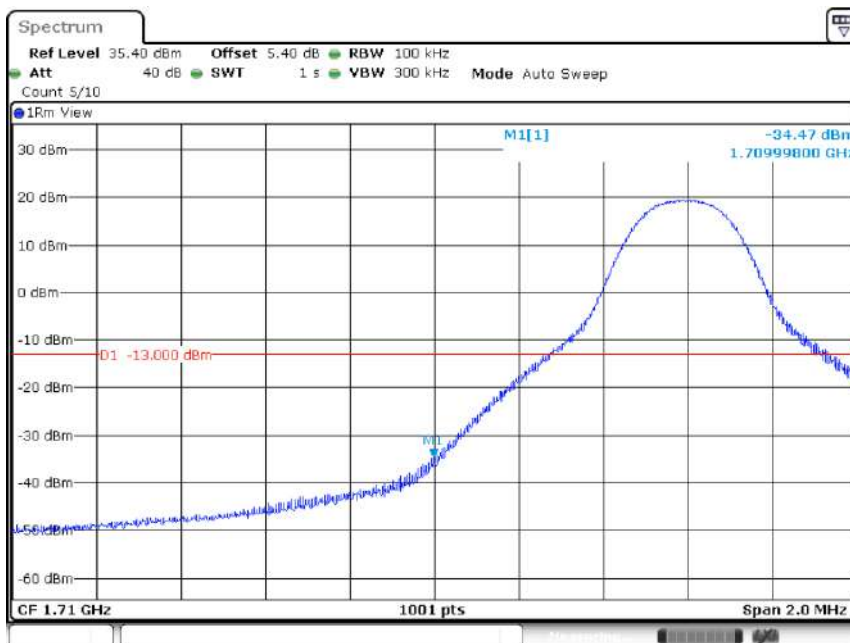


Band4-10MHz-QPSK-20350-50RB#0



Date: 24 AUG 2020 16:08:57

Band4-10MHz-64QAM-20000-1RB#0



Date: 25 AUG 2020 14:16:26

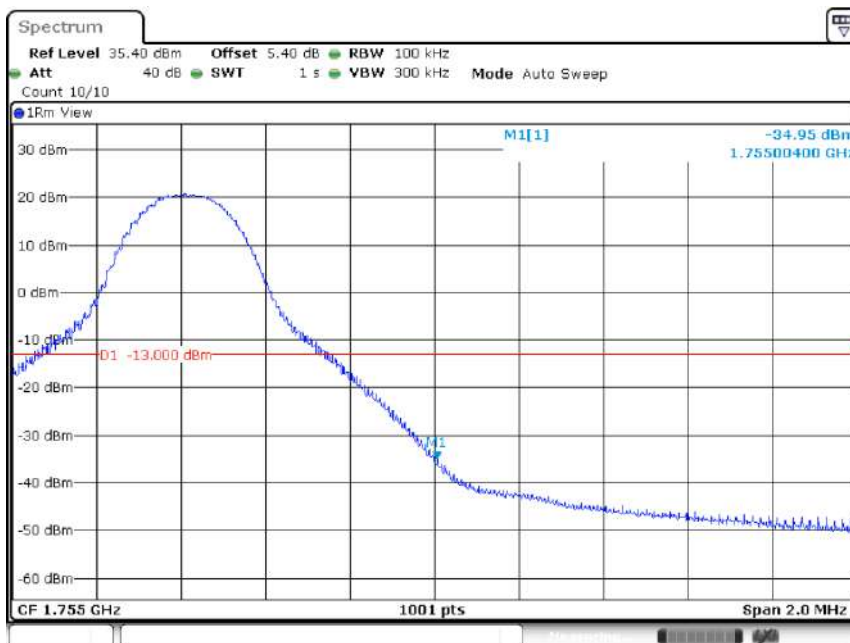


Band4-10MHz-64QAM-20000-50RB#0



Date: 25 AUG 2020 14:16:46

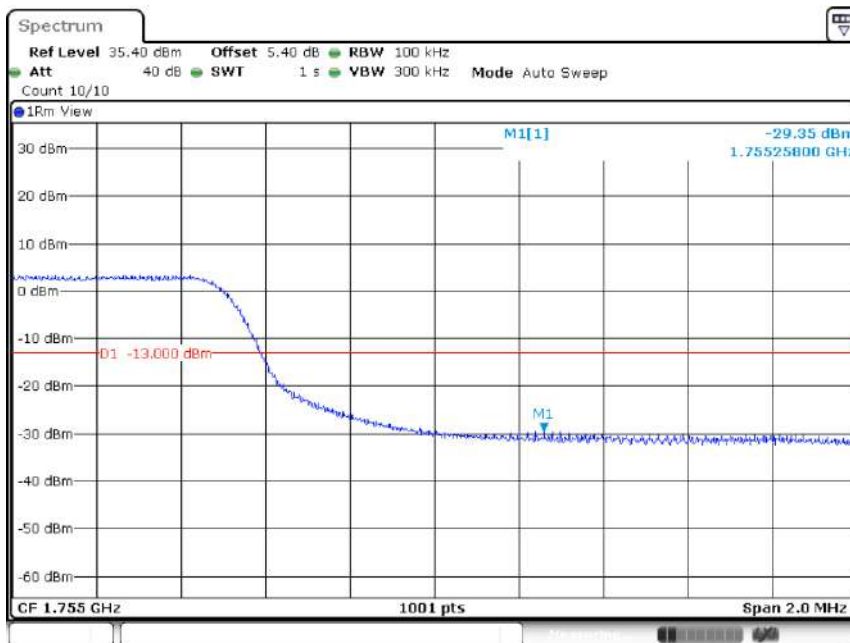
Band4-10MHz-64QAM-20350-1RB#49



Date: 25 AUG 2020 14:17:17

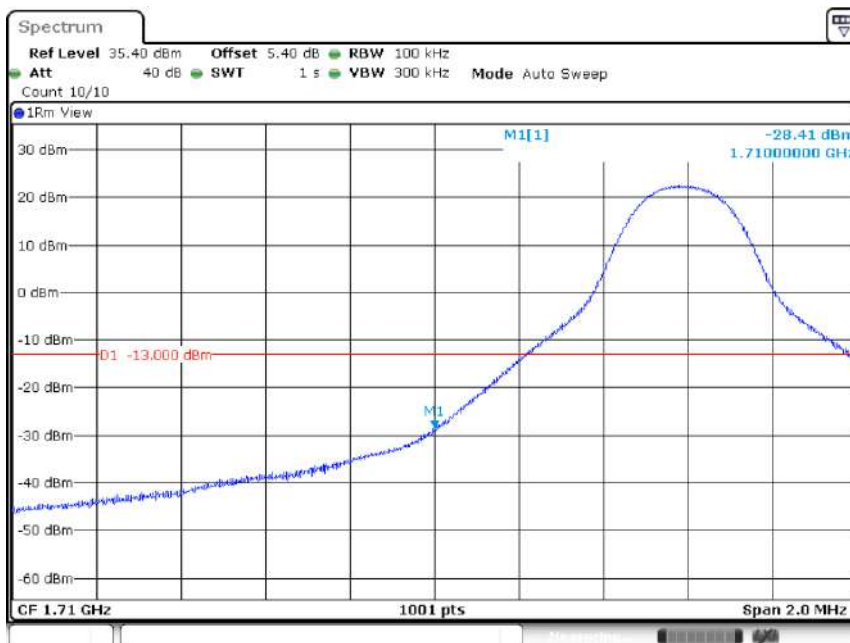


Band4-10MHz-64QAM-20350-50RB#0



Date: 25 AUG 2020 14:17:37

Band4-10MHz-16QAM-20000-1RB#0



Date: 24 AUG 2020 16:07:10

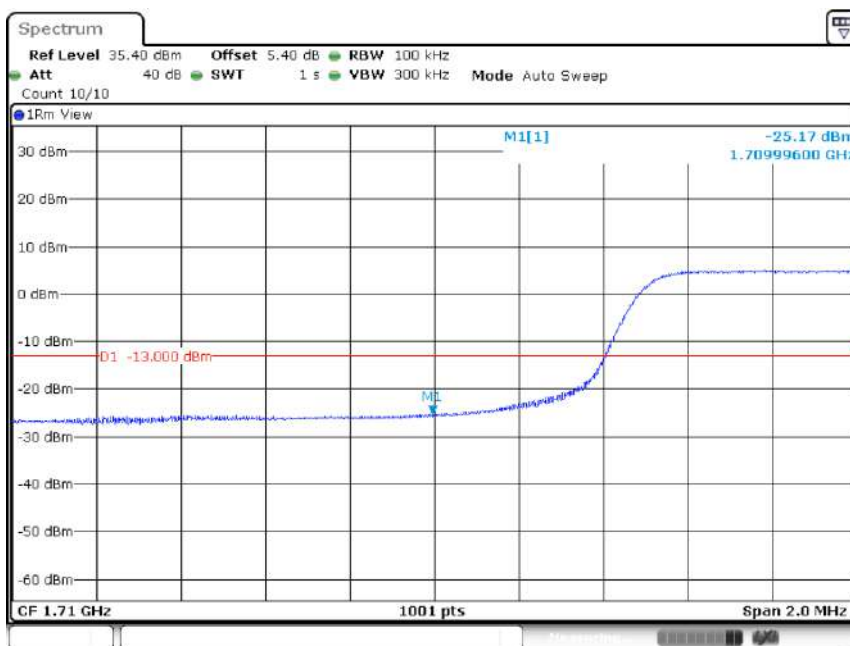


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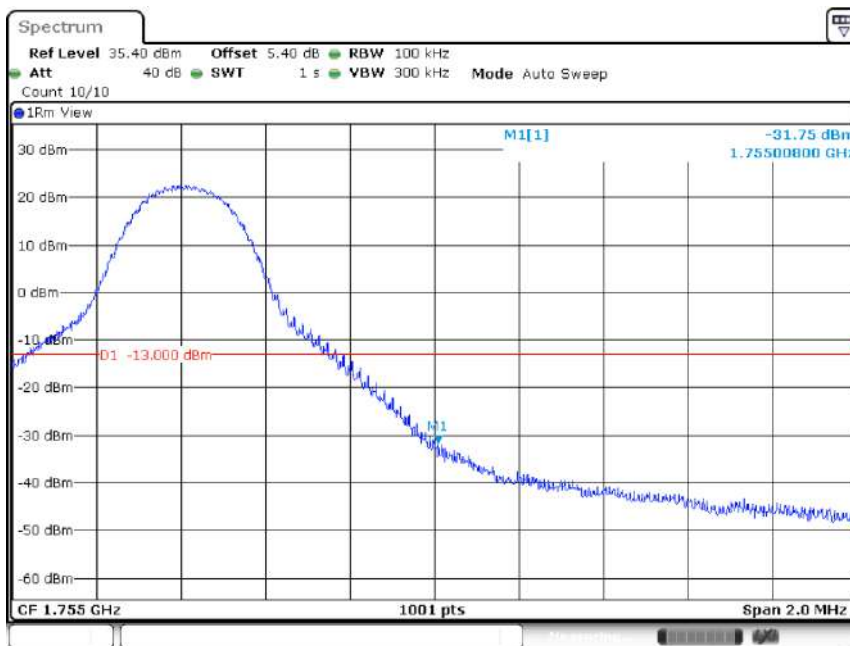
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Band4-10MHz-16QAM-20000-50RB#0



Date: 24 AUG 2020 16:07:51

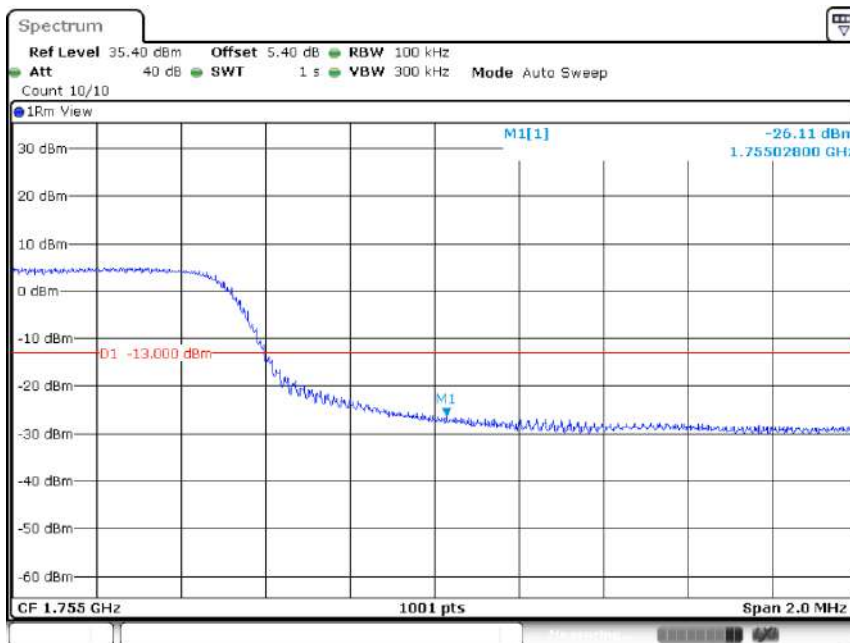
Band4-10MHz-16QAM-20350-1RB#49



Date: 24 AUG 2020 16:08:37



Band4-10MHz-16QAM-20350-50RB#0



Date: 24 AUG 2020 16:09:18

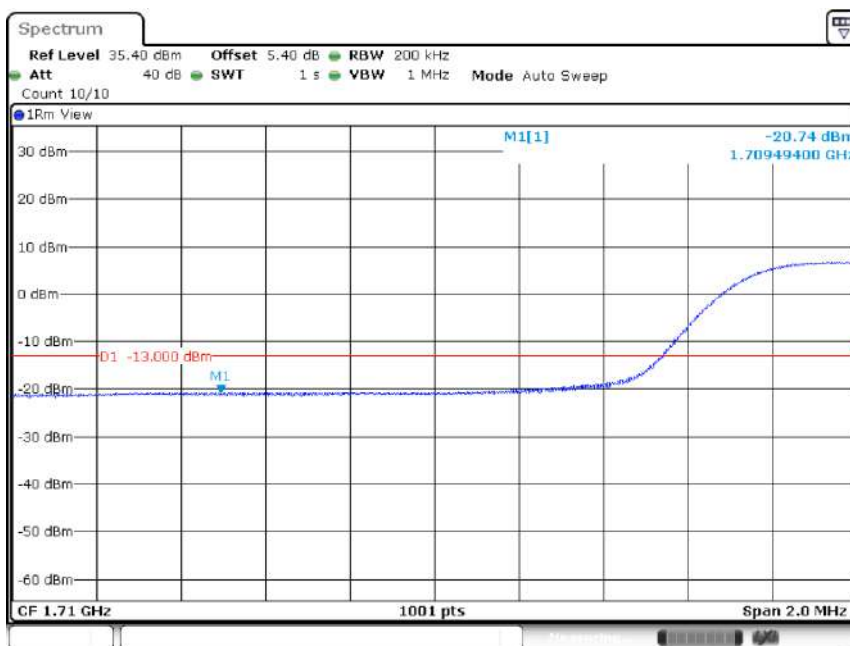
Band4-15MHz-QPSK-20025-1RB#0



Date: 24 AUG 2020 16:09:43

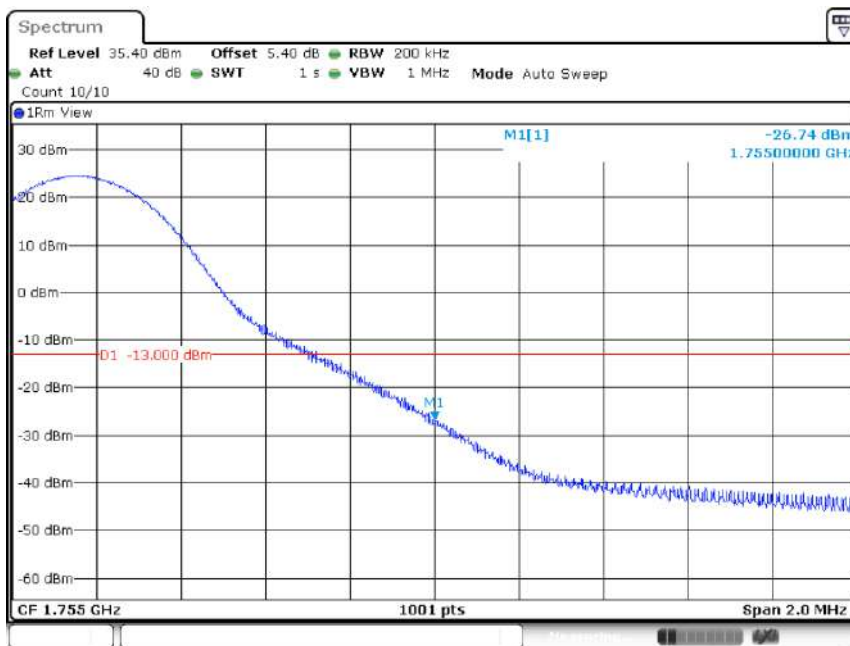


Band4-15MHz-QPSK-20025-75RB#0



Date: 24 AUG 2020 16:10:24

Band4-15MHz-QPSK-20325-1RB#74



Date: 24 AUG 2020 16:11:09

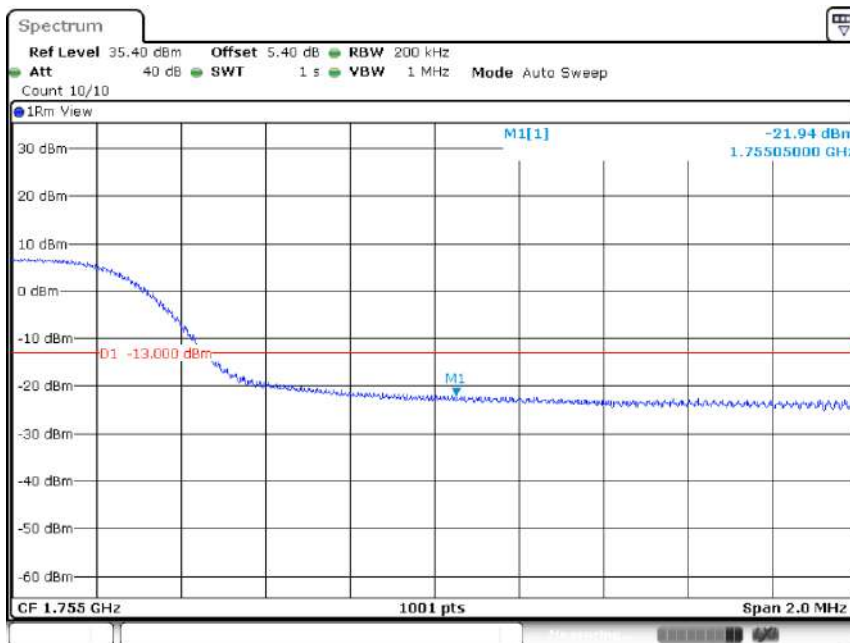


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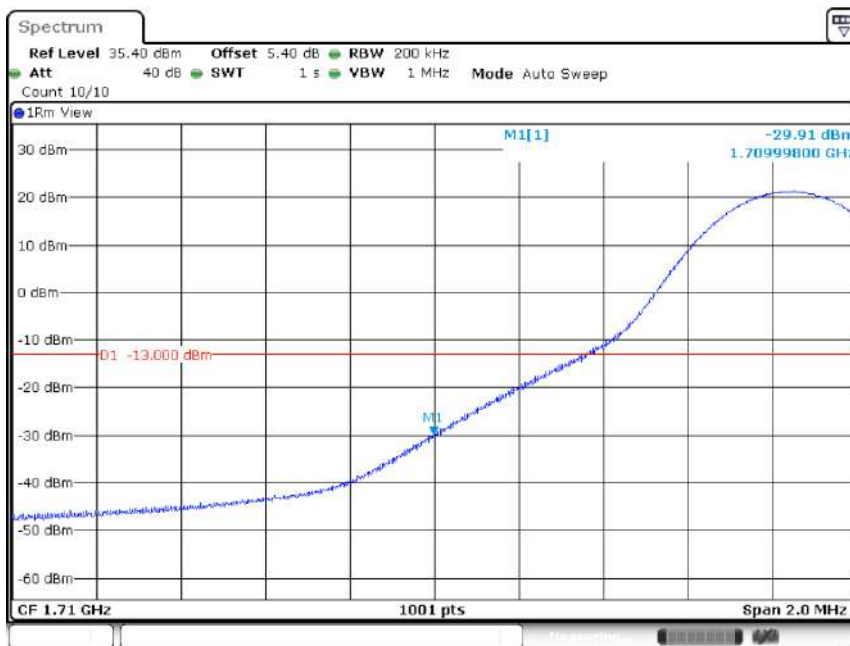
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Band4-15MHz-QPSK-20325-75RB#0



Date: 24 AUG 2020 16:11:50

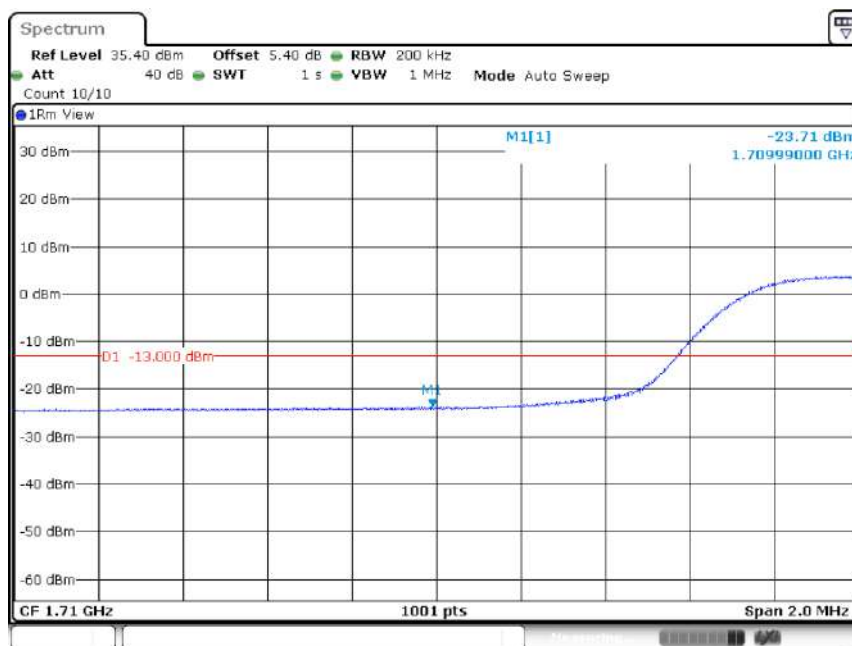
Band4-15MHz-64QAM-20025-1RB#0



Date: 25 AUG 2020 14:18:05

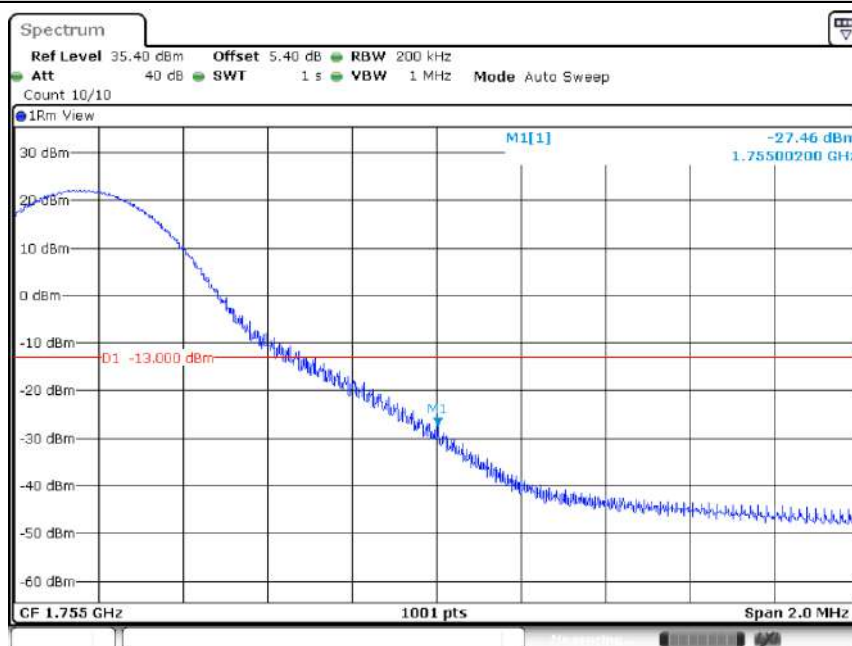


Band4-15MHz-64QAM-20025-75RB#0



Date: 25 AUG 2020 14:18:25

Band4-15MHz-64QAM-20325-1RB#74



Date: 25 AUG 2020 14:18:51



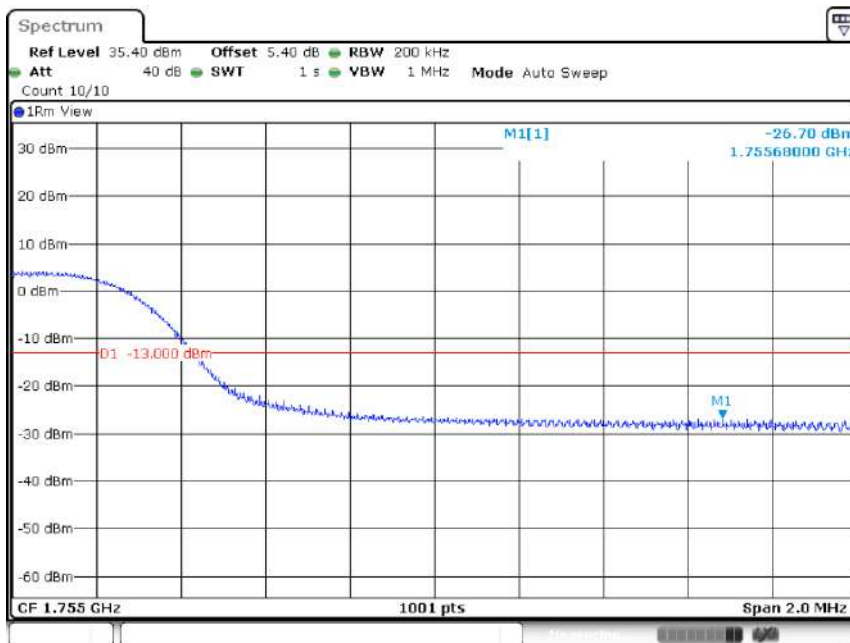
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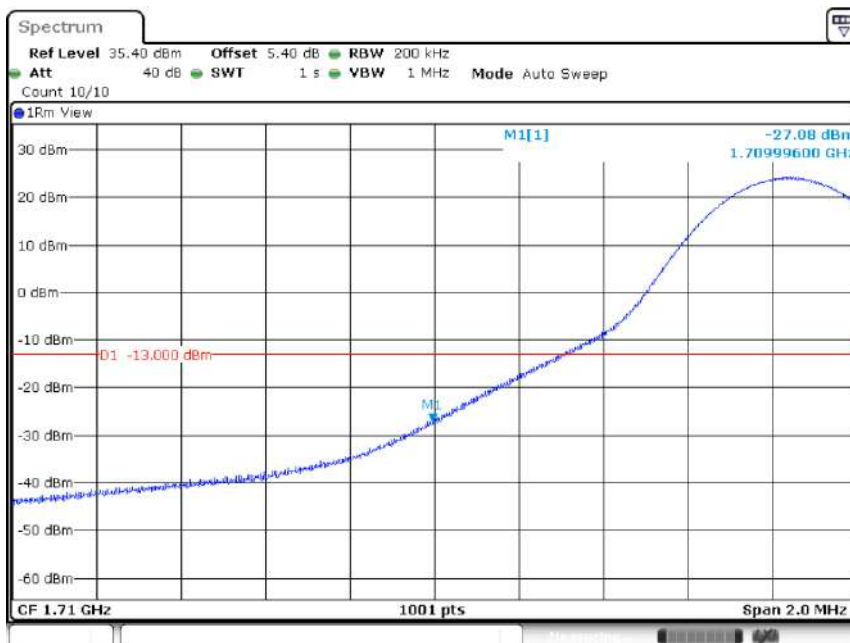
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Band4-15MHz-64QAM-20325-75RB#0



Date: 25 AUG 2020 14:19:13

Band4-15MHz-16QAM-20025-1RB#0



Date: 24 AUG 2020 16:10:03



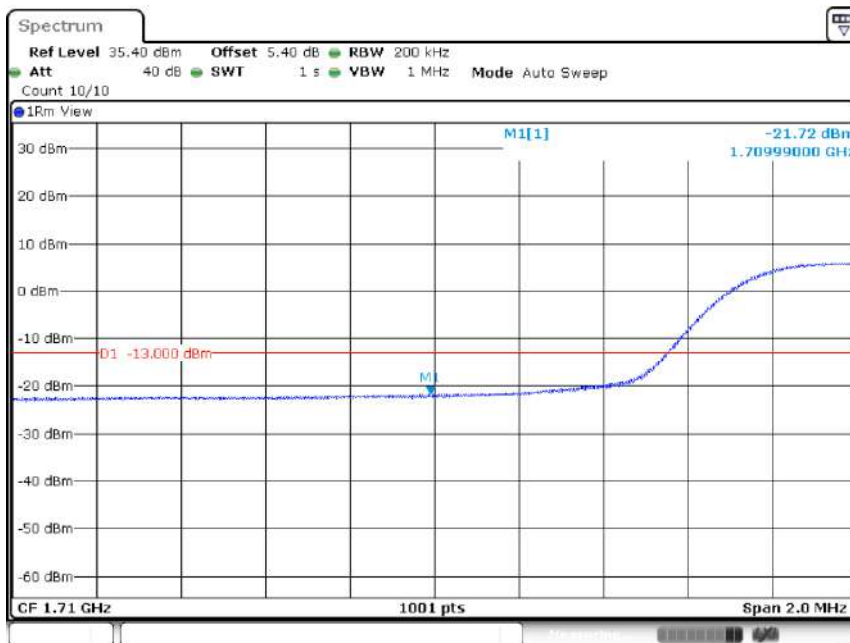
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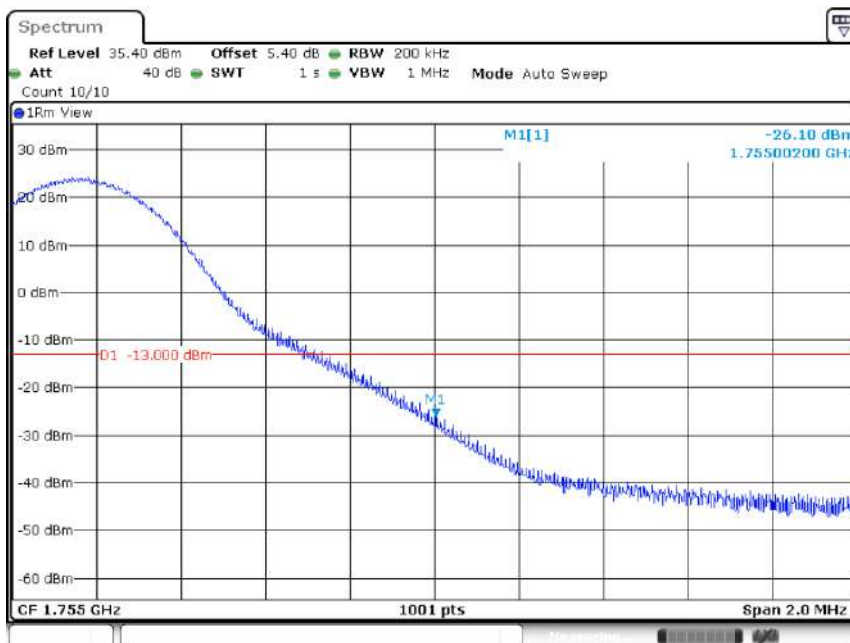
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Band4-15MHz-16QAM-20025-75RB#0



Date: 24 AUG 2020 16:10:44

Band4-15MHz-16QAM-20325-1RB#74



Date: 24 AUG 2020 16:11:30

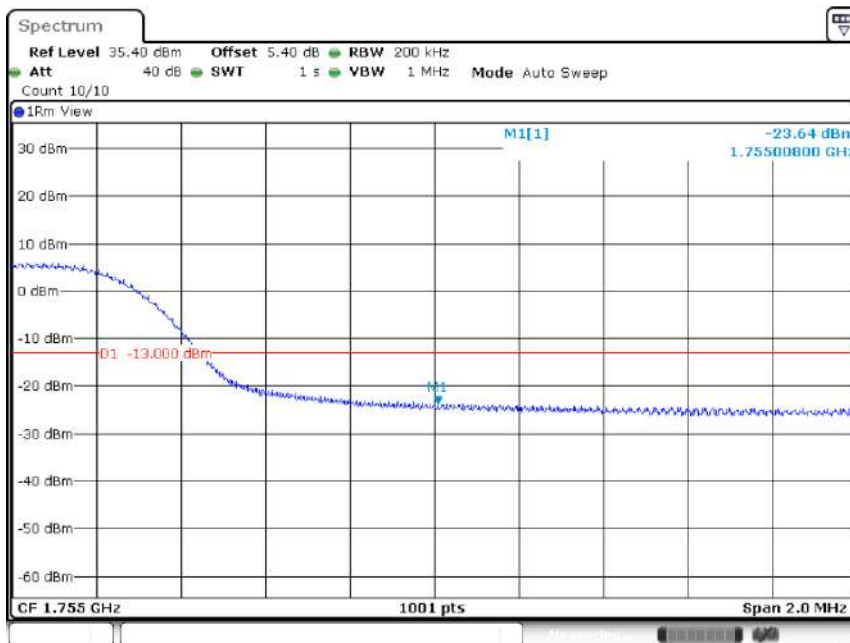


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Band4-15MHz-16QAM-20325-75RB#0



Date: 24 AUG 2020 16:12:11

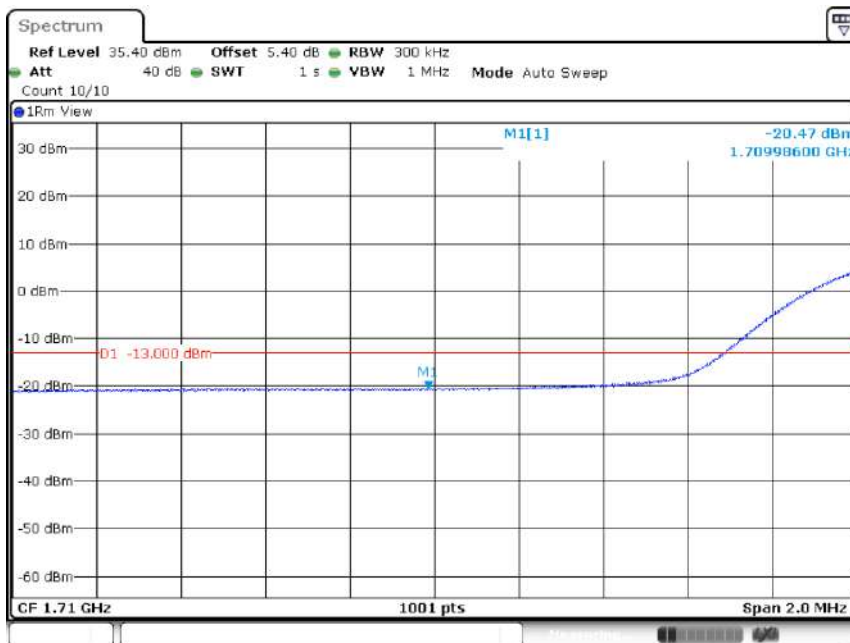
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Date: 24 AUG 2020 16:12:36

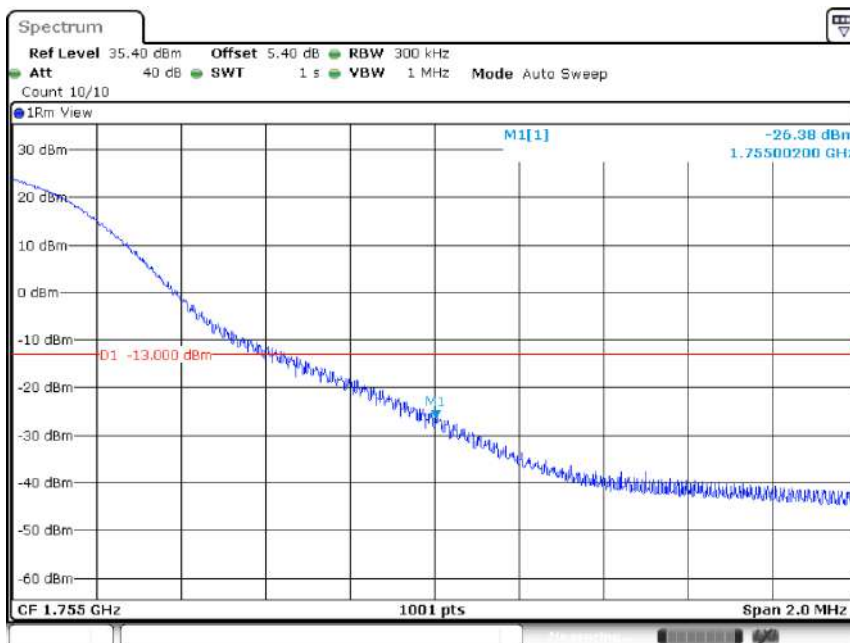


Band4-20MHz-QPSK-20050-100RB#0



Date: 24 AUG 2020 16:13:18

Band4-20MHz-QPSK-20300-1RB#99



Date: 24 AUG 2020 16:14:03



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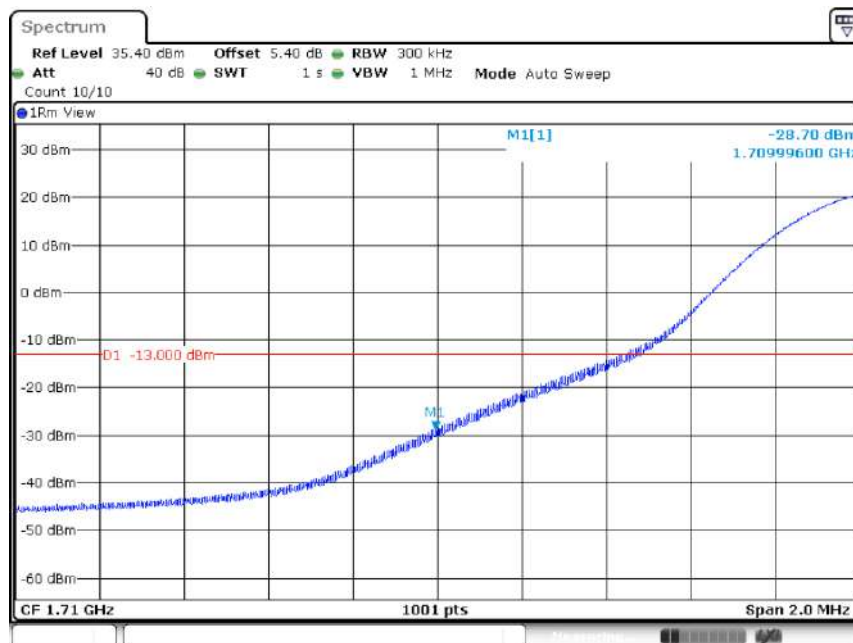
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Band4-20MHz-QPSK-20300-100RB#0



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Band4-20MHz-64QAM-20050-1RB#0



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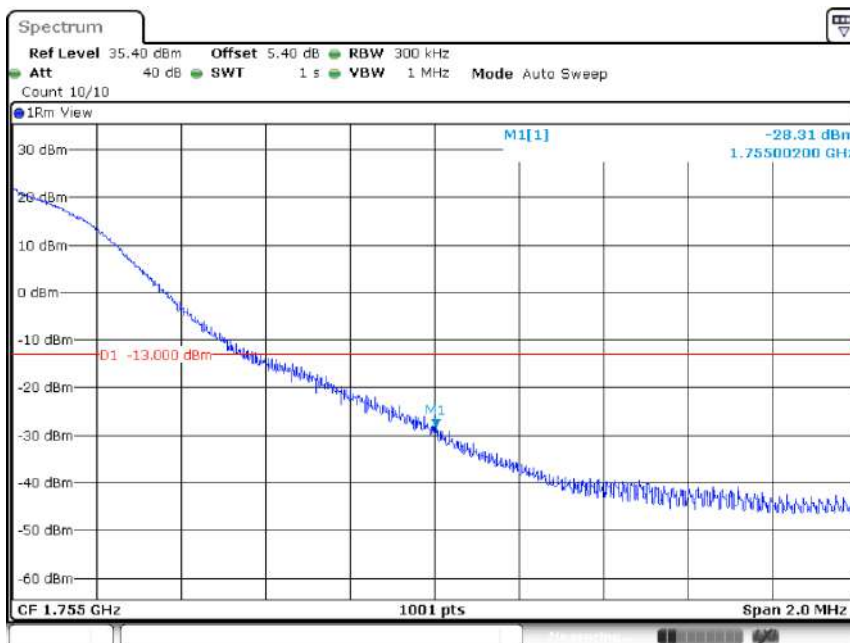
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Band4-20MHz-64QAM-20050-100RB#0



Date: 25 AUG 2020 14:20:02

Band4-20MHz-64QAM-20300-1RB#99



Date: 25 AUG 2020 14:20:28



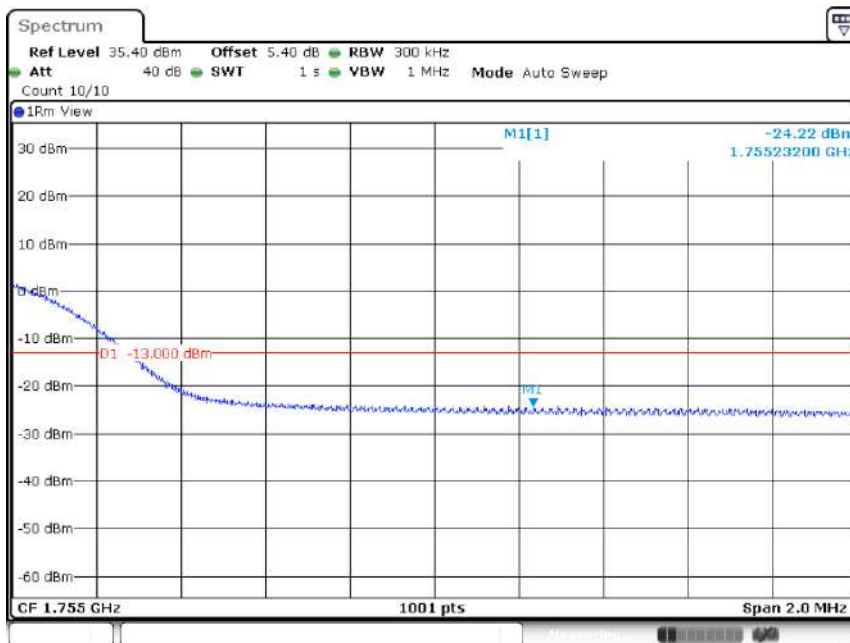
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Band4-20MHz-64QAM-20300-100RB#0



Date: 25 AUG 2020 14:20:48

Band4-20MHz-16QAM-20050-1RB#0



Date: 24 AUG 2020 16:12:57

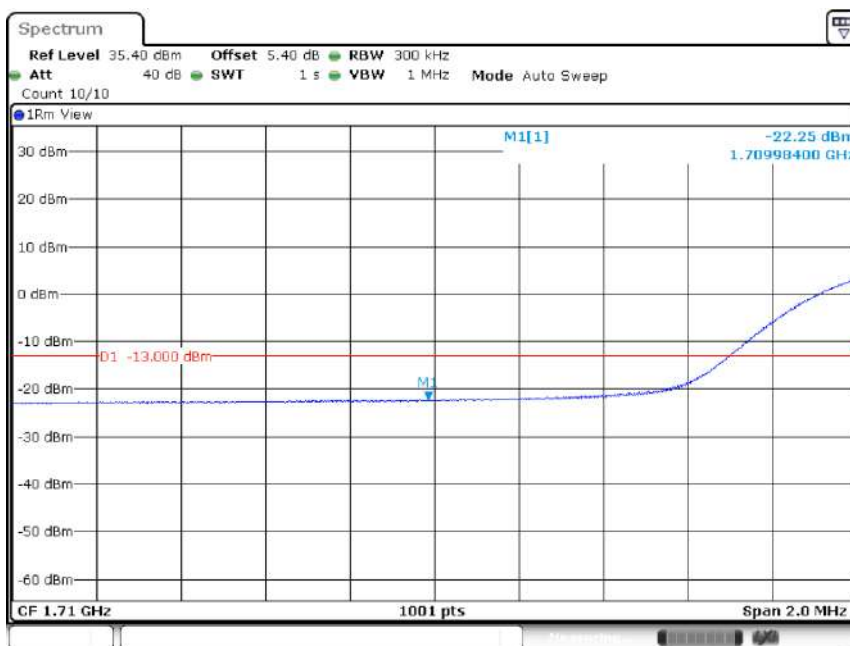


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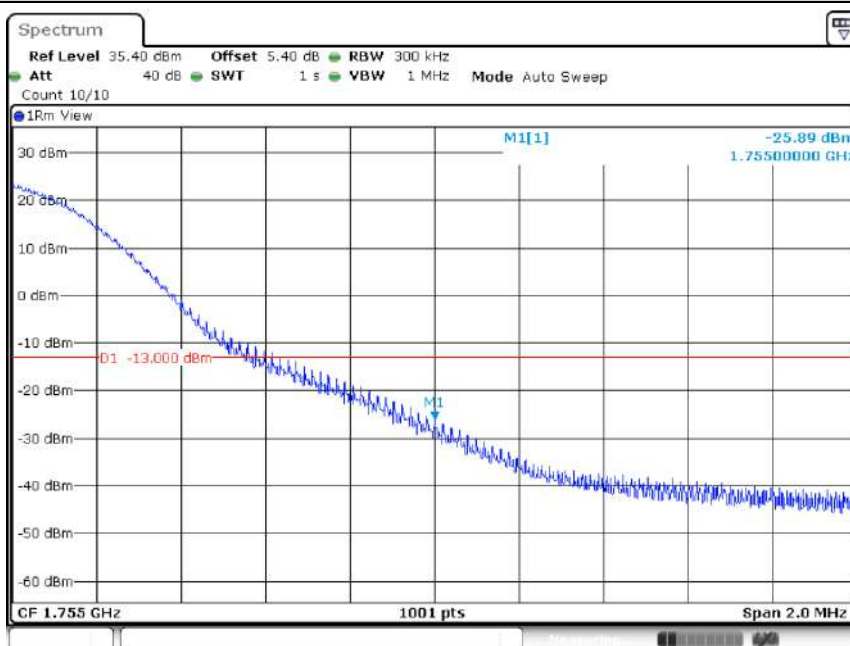
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Band4-20MHz-16QAM-20050-100RB#0



Date: 24 AUG 2020 16:13:38

Band4-20MHz-16QAM-20300-1RB#99



Date: 24 AUG 2020 16:14:24



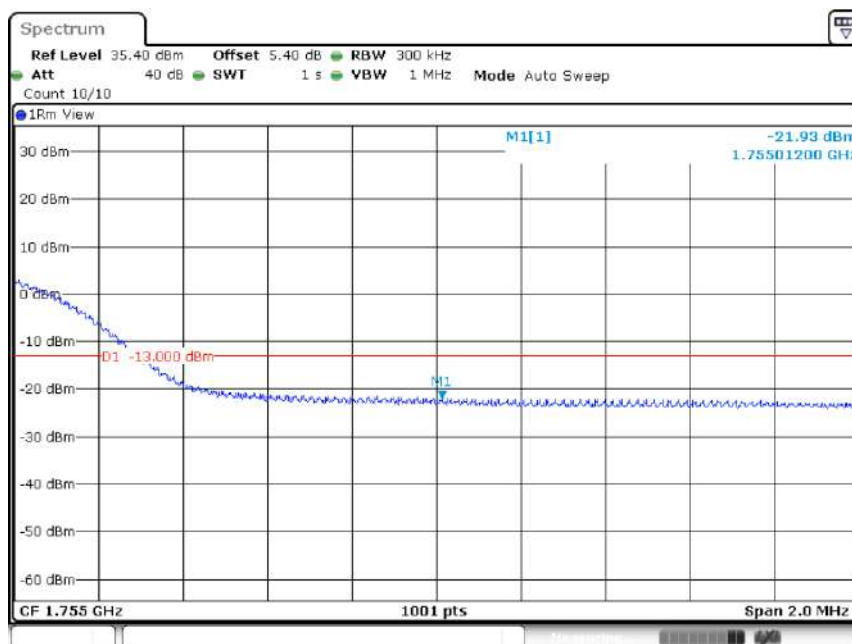
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Band4-20MHz-16QAM-20300-100RB#0



Date: 24 AUG 2020 16:15:05



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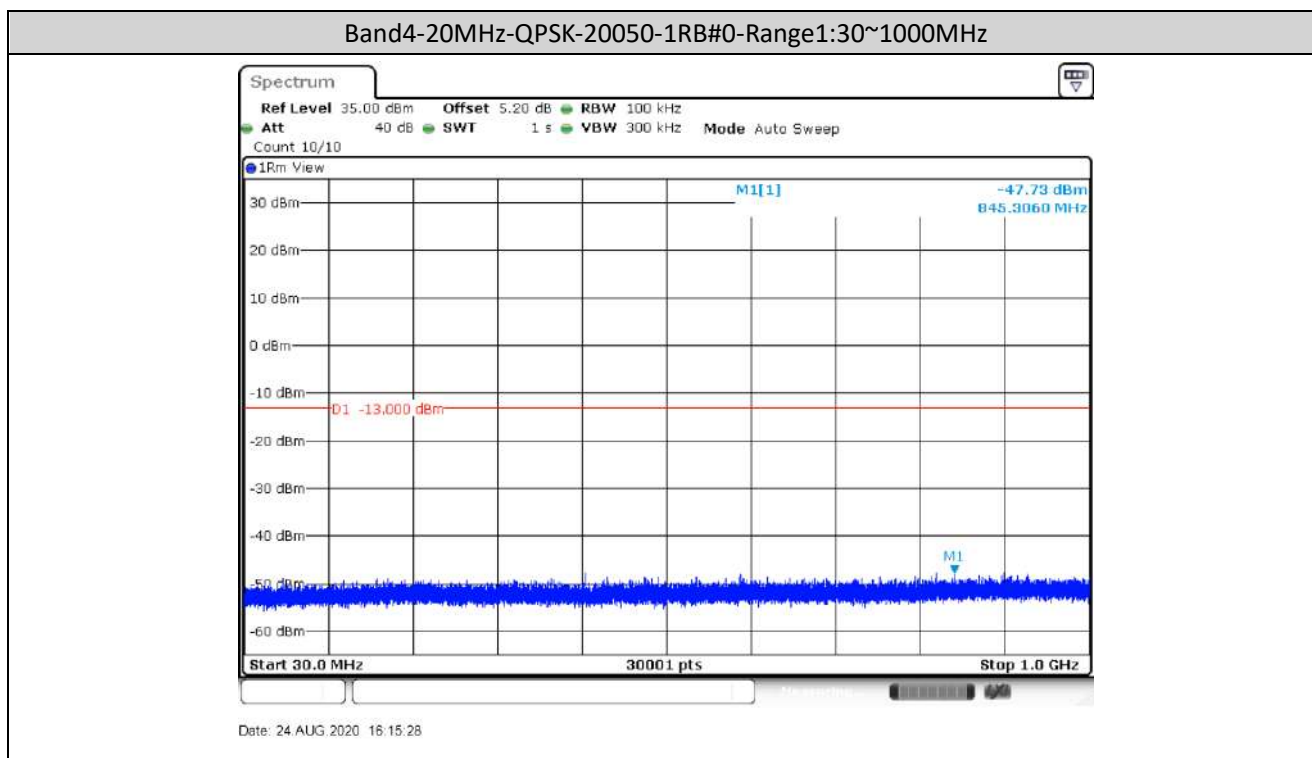
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6. Spurious Emission at Antenna Terminal

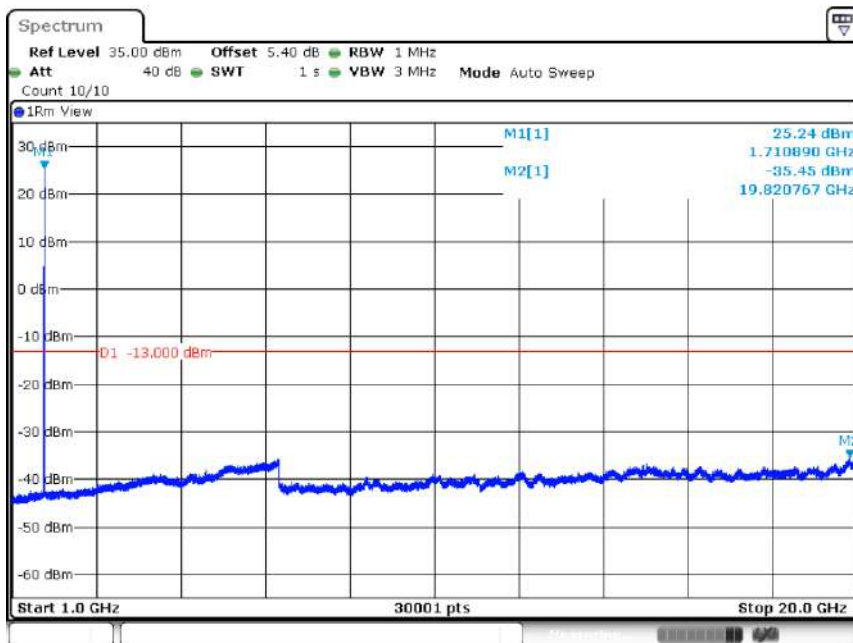
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =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

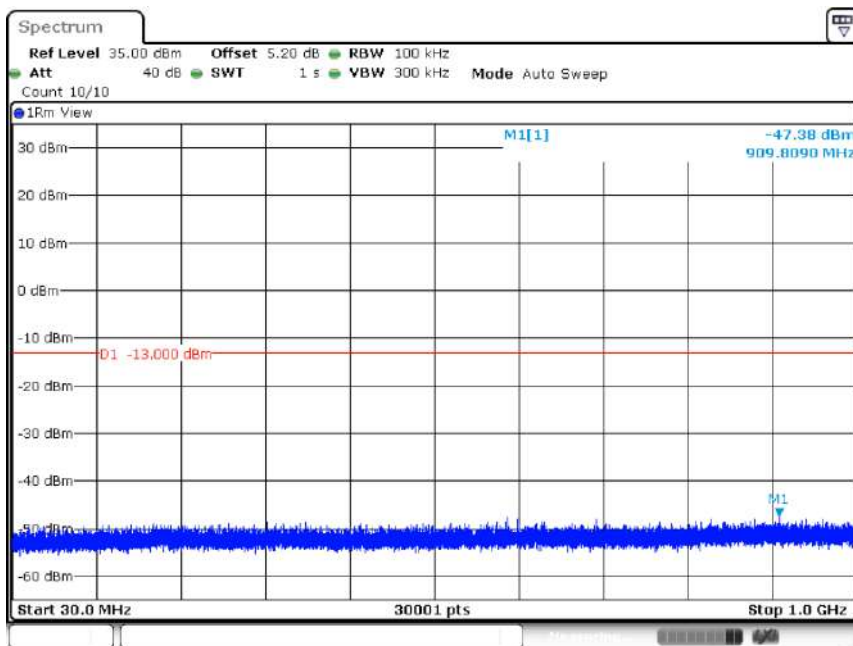


Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~20000MHz



Date: 24 AUG 2020 16:15:44

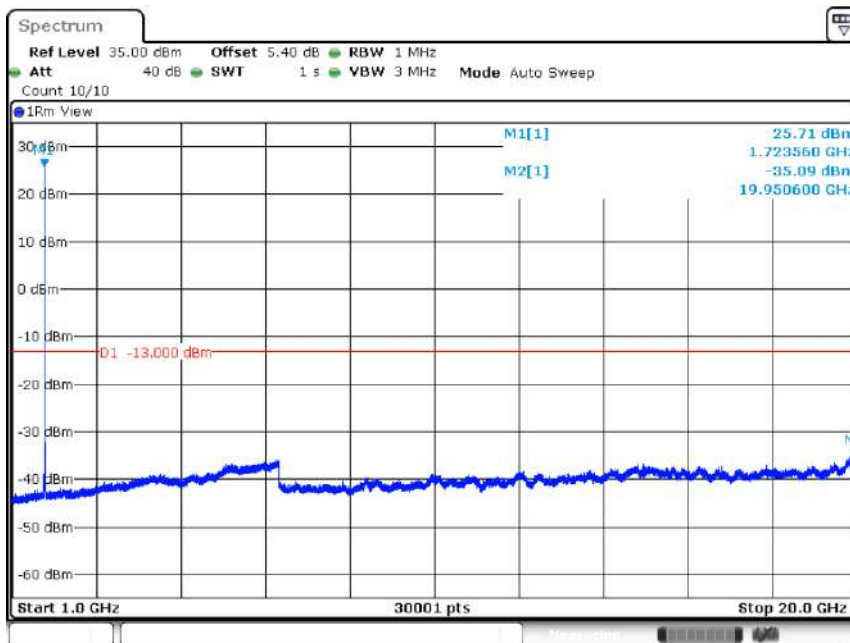
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Date: 24 AUG 2020 16:16:38

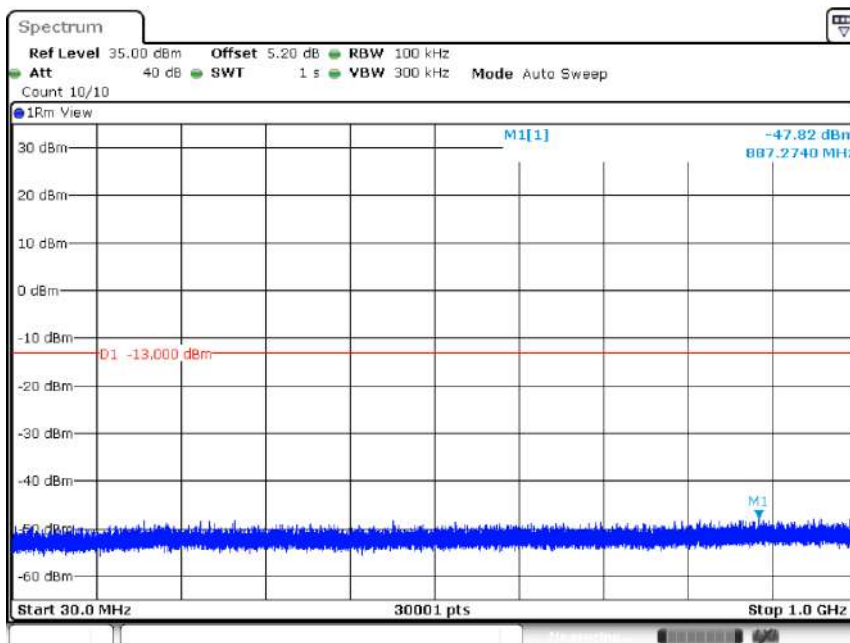


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Date: 24 AUG 2020 16:16:54

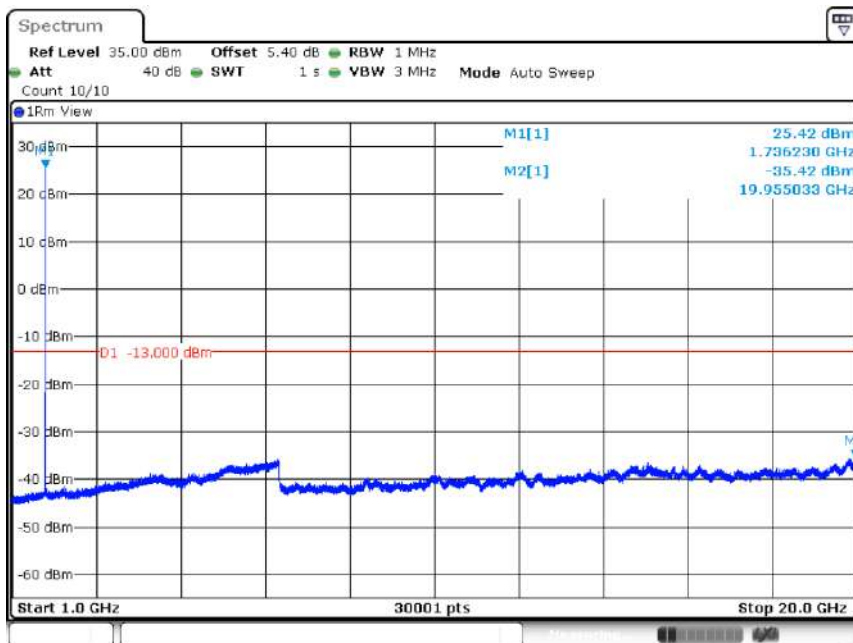
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Date: 24 AUG 2020 16:17:48

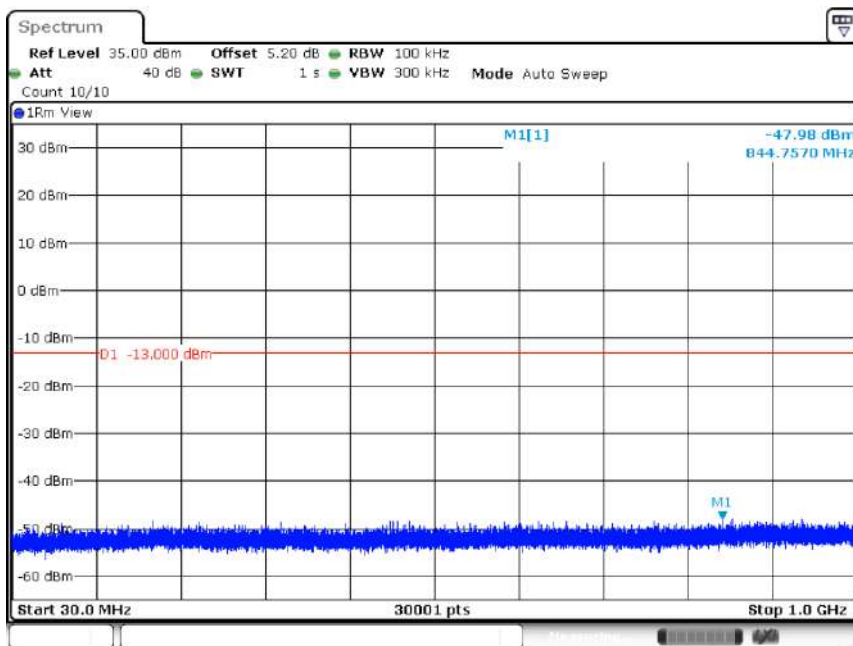


Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz



Date: 24 AUG 2020 16:18:05

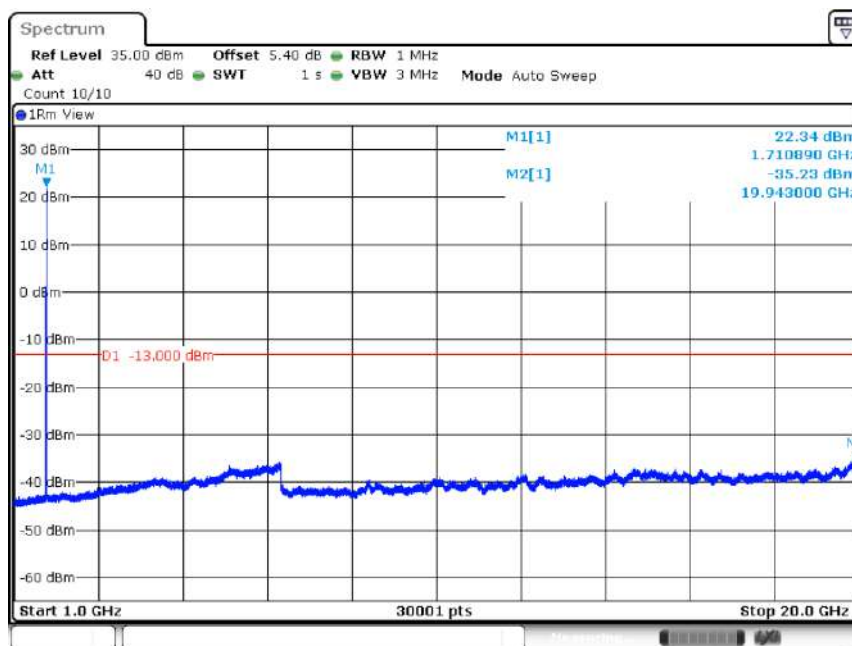
Band4-20MHz-64QAM-20050-1RB#0-Range1:30~1000MHz



Date: 25 AUG 2020 14:21:13

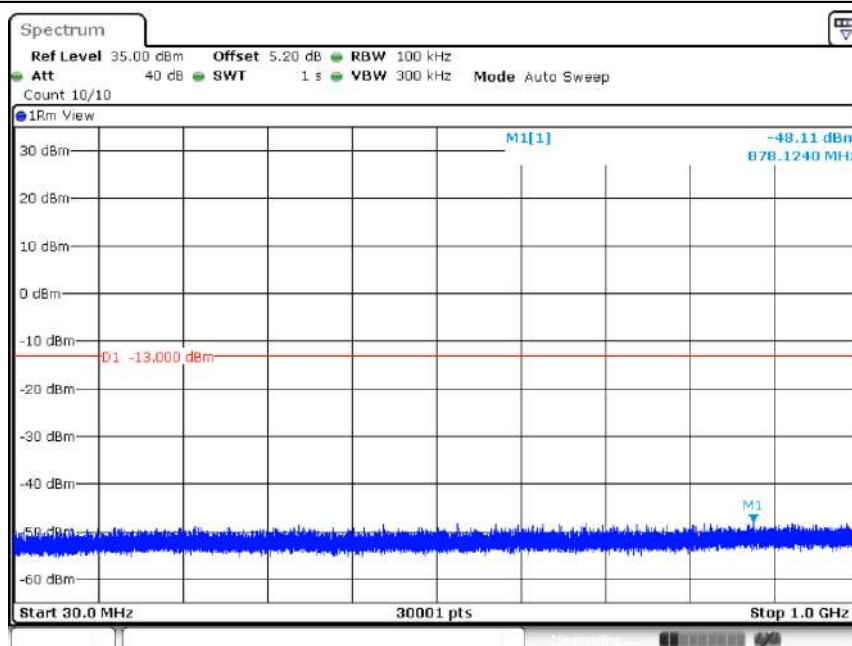


Band4-20MHz-64QAM-20050-1RB#0-Range2:1000~20000MHz



Date: 25 AUG 2020 14:21:30

Band4-20MHz-64QAM-20175-1RB#0-Range1:30~1000MHz



Date: 25 AUG 2020 14:21:49



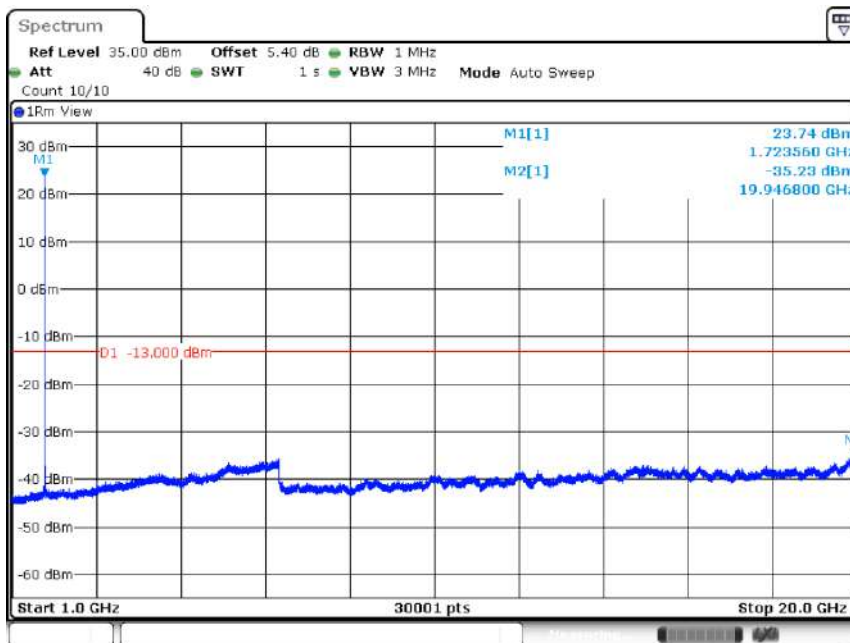
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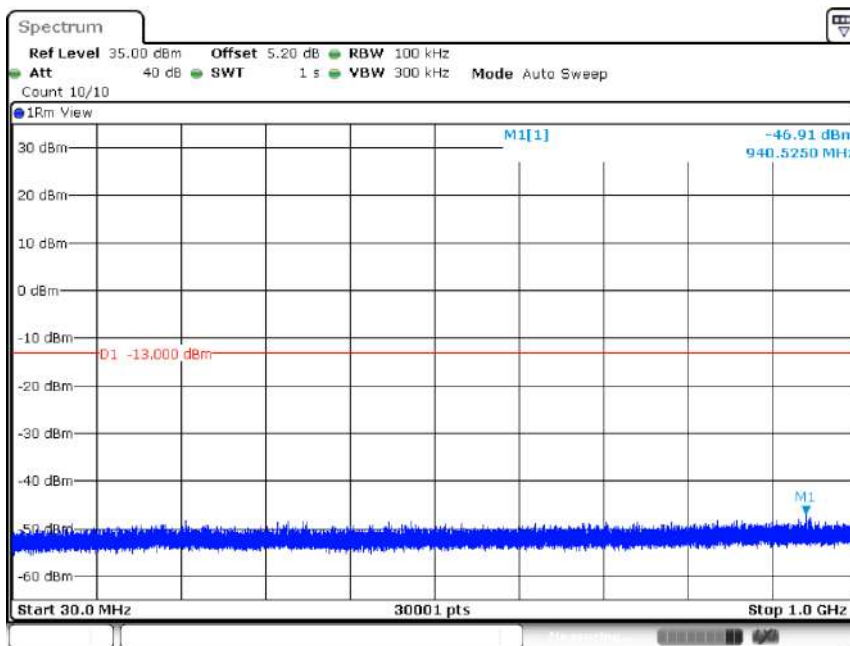
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Band4-20MHz-64QAM-20175-1RB#0-Range2:1000~20000MHz



Date: 25 AUG 2020 14:22:05

Band4-20MHz-64QAM-20300-1RB#0-Range1:30~1000MHz



Date: 25 AUG 2020 14:22:24

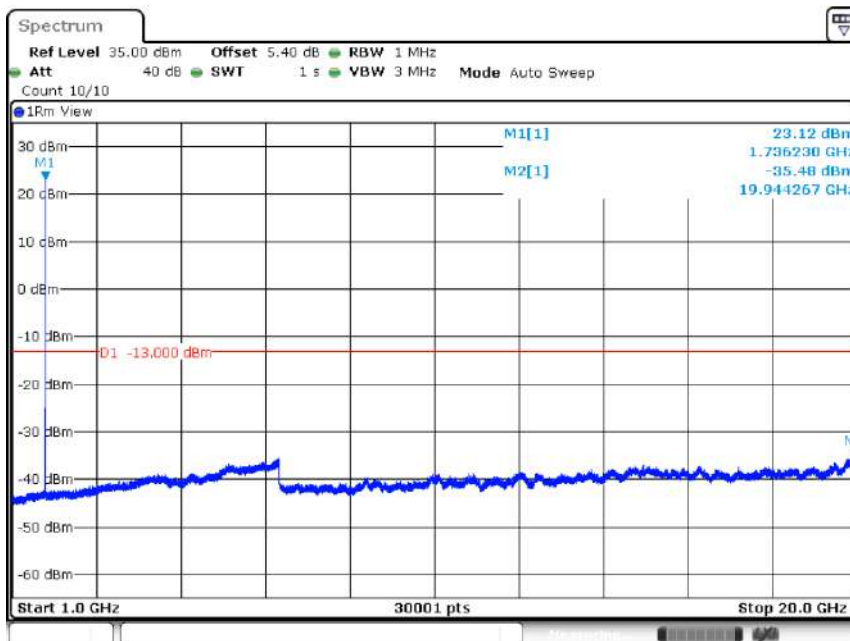


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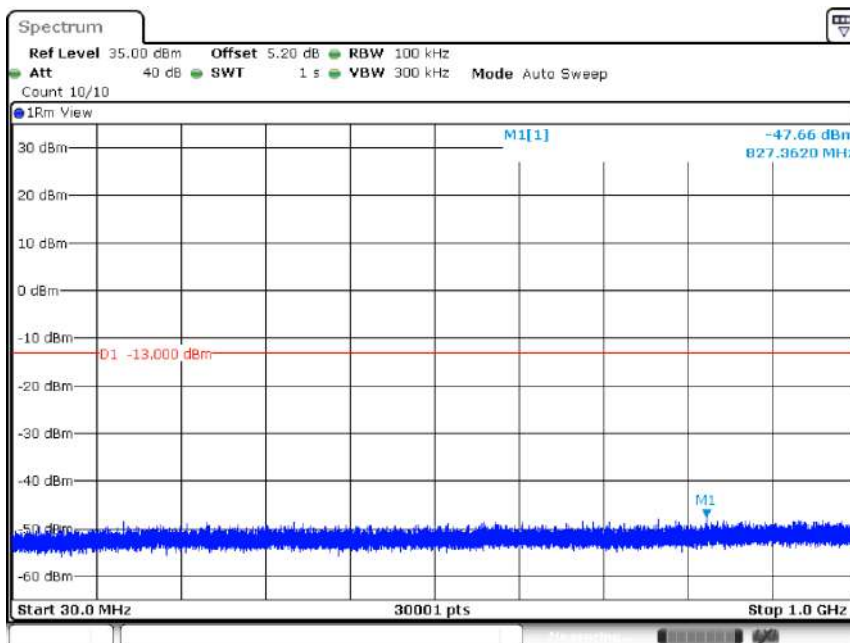
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Band4-20MHz-64QAM-20300-1RB#0-Range2:1000~20000MHz



Date: 25 AUG 2020 14:22:40

Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz



Date: 24 AUG 2020 16:16:03

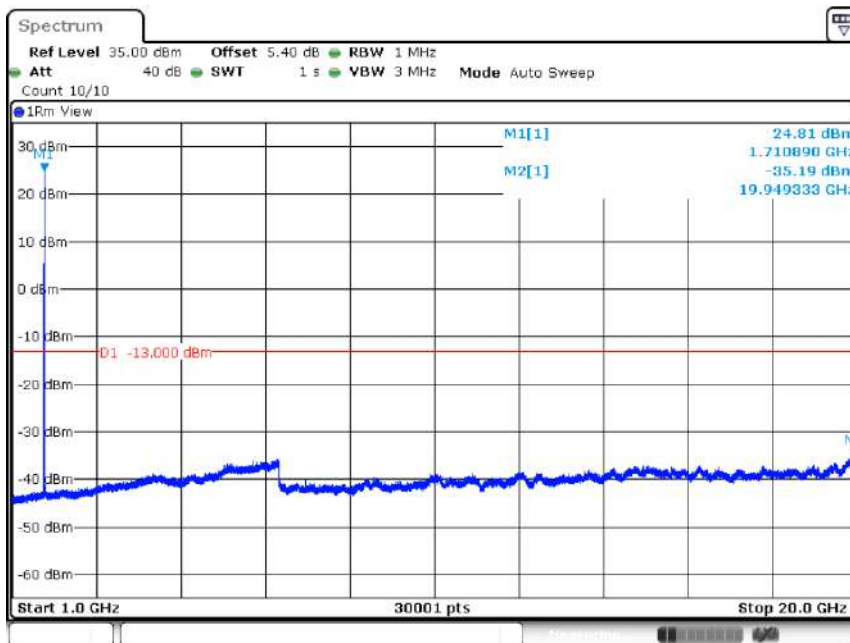


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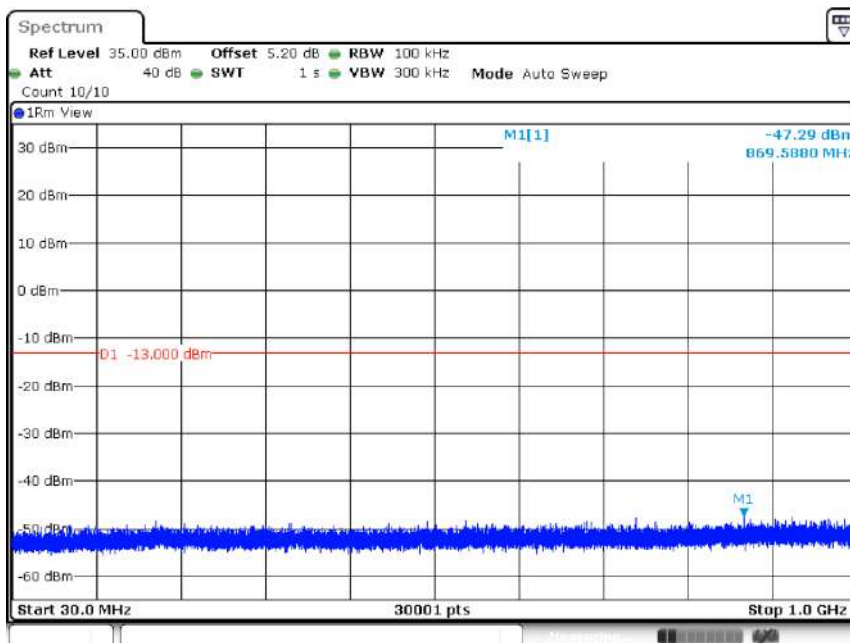
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Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz



Date: 24 AUG 2020 16:16:19

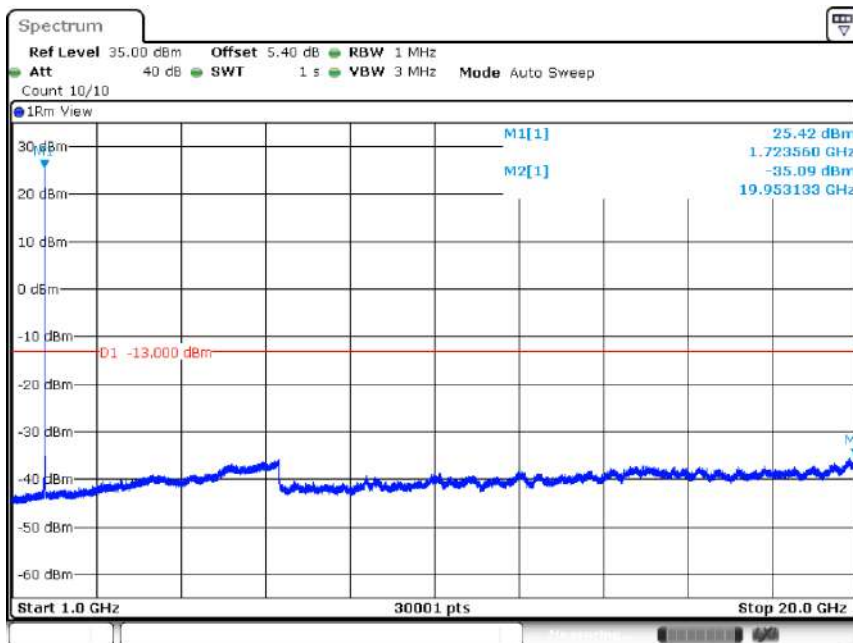
Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Date: 24 AUG 2020 16:17:13

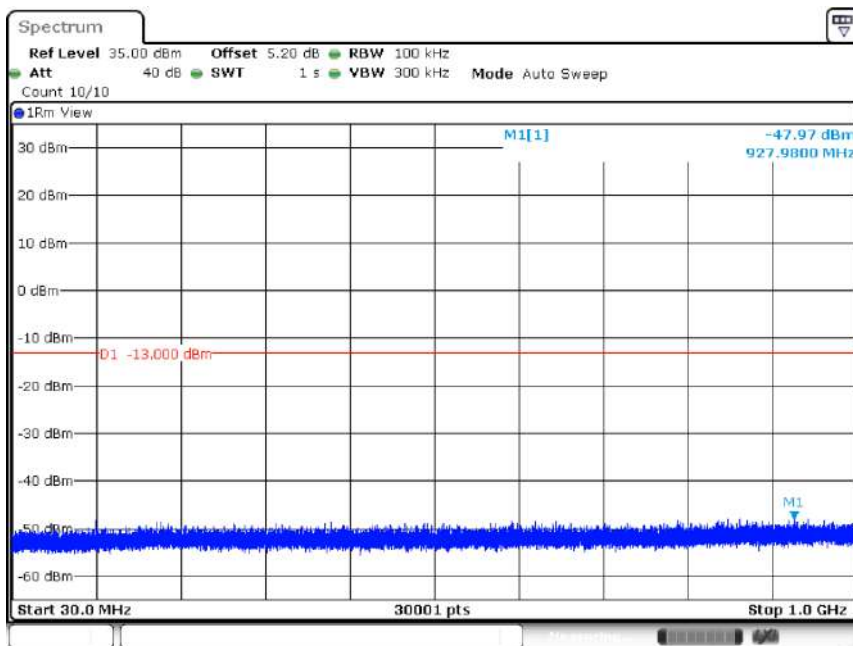


Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



Date: 24 AUG 2020 16:17:29

Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz



Date: 24 AUG 2020 16:18:23

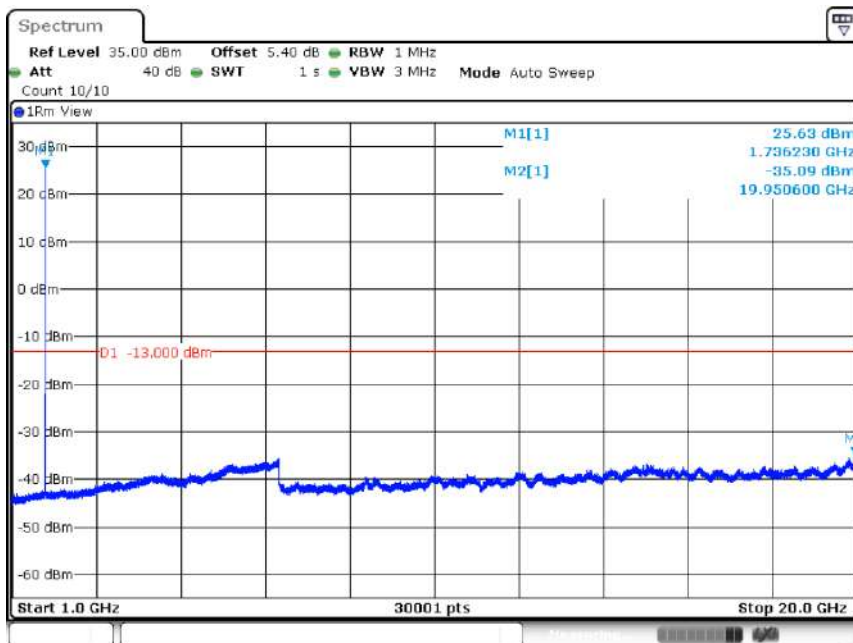
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Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~20000MHz



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz(Up Antenna)

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.8245	-71.15	-13.00	58.15	Vertical
107.4584	-65.62	-13.00	52.62	Vertical
388.8694	-68.48	-13.00	55.48	Vertical
3422.5141	-55.44	-13.00	42.44	Vertical
5133.5711	-59.26	-13.00	46.26	Vertical
17997.4999	-39.85	-13.00	26.85	Vertical
44.1142	-64.44	-13.00	51.44	Horizontal
104.7907	-75.22	-13.00	62.22	Horizontal
235.5048	-67.66	-13.00	54.66	Horizontal
3422.0141	-52.65	-13.00	39.65	Horizontal
5133.0711	-59.91	-13.00	46.91	Horizontal
16403.4468	-43.97	-13.00	30.97	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.3096	-70.72	-13.00	57.72	Vertical
110.1745	-65.36	-13.00	52.36	Vertical
374.1247	-67.78	-13.00	54.78	Vertical
3447.0149	-56.67	-13.00	43.67	Vertical
5170.5724	-60.33	-13.00	47.33	Vertical
17996.4999	-39.72	-13.00	26.72	Vertical
40.9130	-64.81	-13.00	51.81	Horizontal
99.8920	-75.22	-13.00	62.22	Horizontal
232.3521	-67.88	-13.00	54.88	Horizontal
3447.0149	-51.48	-13.00	38.48	Horizontal
5171.0724	-60.04	-13.00	47.04	Horizontal
16386.4462	-43.82	-13.00	30.82	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.0671	-71.67	-13.00	58.67	Vertical
120.3115	-65.11	-13.00	52.11	Vertical
240.1610	-70.50	-13.00	57.50	Vertical
3472.0157	-56.97	-13.00	43.97	Vertical
5208.0736	-59.82	-13.00	46.82	Vertical
17994.4998	-39.59	-13.00	26.59	Vertical
41.4466	-63.95	-13.00	50.95	Horizontal
87.1844	-75.30	-13.00	62.30	Horizontal
248.3094	-68.37	-13.00	55.37	Horizontal
3472.0157	-51.30	-13.00	38.30	Horizontal
7969.6657	-55.75	-13.00	42.75	Horizontal
16395.4465	-43.92	-13.00	30.92	Horizontal



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7.2. Test Mode =LTE/TM1 20MHz(Down Antenna)

7.2.1.Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.3581	-72.18	-13.00	59.18	Vertical
114.3457	-65.41	-13.00	52.41	Vertical
408.4644	-67.81	-13.00	54.81	Vertical
5133.5711	-61.05	-13.00	48.05	Vertical
7474.6492	-55.83	-13.00	42.83	Vertical
17999.5000	-40.00	-13.00	27.00	Vertical
40.8645	-64.45	-13.00	51.45	Horizontal
66.4738	-72.35	-13.00	59.35	Horizontal
235.2138	-67.95	-13.00	54.95	Horizontal
5133.0711	-60.09	-13.00	47.09	Horizontal
7475.6492	-56.05	-13.00	43.05	Horizontal
13688.8563	-48.72	-13.00	35.72	Horizontal

7.2.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.1156	-71.54	-13.00	58.54	Vertical
111.4841	-65.29	-13.00	52.29	Vertical
428.8354	-68.31	-13.00	55.31	Vertical
5531.0844	-61.39	-13.00	48.39	Vertical
7456.1485	-55.61	-13.00	42.61	Vertical
17992.9998	-39.97	-13.00	26.97	Vertical
36.2568	-64.09	-13.00	51.09	Horizontal
99.5525	-75.51	-13.00	62.51	Horizontal
243.7502	-67.25	-13.00	54.25	Horizontal
3824.0275	-61.16	-13.00	48.16	Horizontal
7486.6496	-55.90	-13.00	42.90	Horizontal
16402.9468	-43.79	-13.00	30.79	Horizontal



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7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.3581	-72.26	-13.00	59.26	Vertical
114.8307	-64.69	-13.00	51.69	Vertical
413.6057	-68.05	-13.00	55.05	Vertical
5512.5838	-61.65	-13.00	48.65	Vertical
7379.6460	-55.73	-13.00	42.73	Vertical
17993.9998	-40.09	-13.00	27.09	Vertical
45.7633	-64.32	-13.00	51.32	Horizontal
100.9590	-76.21	-13.00	63.21	Horizontal
237.2509	-68.88	-13.00	55.88	Horizontal
5208.0736	-60.50	-13.00	47.50	Horizontal
8008.6670	-55.61	-13.00	42.61	Horizontal
13888.8630	-45.11	-13.00	32.11	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
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	-11.00	-0.006395	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	-2.80	-0.001628	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	-8.20	-0.004767	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-1.40	-0.000808	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	-4.80	-0.002771	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	1.50	0.000866	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-1.20	-0.000688	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-4.70	-0.002693	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	3.30	0.001891	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VL	NT	6.50	0.003779	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VN	NT	-9.00	-0.005233	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VH	NT	0.10	0.000058	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VL	NT	6.40	0.003694	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VN	NT	6.20	0.003579	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VH	NT	-8.30	-0.004791	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VL	NT	-4.50	-0.002579	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VN	NT	-5.40	-0.003095	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VH	NT	-5.70	-0.003266	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	-4.80	-0.002791	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	2.80	0.001628	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	-6.40	-0.003721	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	-9.40	-0.005426	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	-7.20	-0.004156	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	-1.50	-0.000866	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	3.60	0.002063	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	3.00	0.001719	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	-7.90	-0.004527	±2.5	PASS

8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
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Band4	20MHz	QPSK	20050	100RB#0	NV	-30	6.90	0.004012	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	7.00	0.004070	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	-9.90	-0.005756	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	-6.50	-0.003779	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	-3.30	-0.001919	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	6.00	0.003488	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	-4.40	-0.002558	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	4.90	0.002849	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-9.60	-0.005541	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-10.00	-0.005772	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-8.90	-0.005137	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-2.60	-0.001501	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-1.20	-0.000693	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-3.50	-0.002020	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	2.10	0.001212	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	6.00	0.003463	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-0.20	-0.000115	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-5.20	-0.002980	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-6.60	-0.003782	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	1.90	0.001089	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-5.40	-0.003095	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-3.50	-0.002006	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-4.60	-0.002636	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	2.40	0.001375	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-30	-4.80	-0.002791	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-20	0.70	0.000407	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	0	-7.10	-0.004128	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	10	-2.10	-0.001221	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	20	0.20	0.000116	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	30	-1.90	-0.001105	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	40	-6.90	-0.004012	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	50	-10.00	-0.005814	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-30	-1.50	-0.000866	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-20	-5.00	-0.002886	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	0	-0.20	-0.000115	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	10	6.80	0.003925	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	20	2.20	0.001270	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	30	6.20	0.003579	±2.5	PASS



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Band4	20MHz	64QAM	20175	100RB#0	NV	40	-6.20	-0.003579	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	50	-11.00	-0.006349	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-30	0.00	0.000000	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-20	-1.80	-0.001032	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	0	0.30	0.000172	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	10	-4.40	-0.002521	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	20	0.70	0.000401	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	30	2.10	0.001203	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	40	-6.90	-0.003954	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	50	-8.70	-0.004986	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	0.60	0.000349	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	0.00	0.000000	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	-10.20	-0.005930	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	-1.90	-0.001105	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	-2.40	-0.001395	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	1.50	0.000872	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	1.40	0.000814	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	-1.00	-0.000581	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	-5.60	-0.003232	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	6.80	0.003925	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	6.80	0.003925	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	-1.60	-0.000924	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	7.50	0.004329	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	-3.00	-0.001732	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	3.20	0.001847	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	-9.40	-0.005426	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-9.60	-0.005501	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	5.20	0.002980	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	3.70	0.002120	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-6.70	-0.003840	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-8.60	-0.004928	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-2.90	-0.001662	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	-1.50	-0.000860	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-4.00	-0.002292	±2.5	PASS



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