



Appendix B

E-UTRA Band 4



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1 Effective (Isotropic) Radiated Power

Test Result

ANT1:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.83	23.83	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	24.00	24.00	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.85	23.85	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.70	23.70	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.81	23.81	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.66	23.66	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.64	22.64	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.65	23.65	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.61	23.61	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.78	23.78	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.76	23.76	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.68	23.68	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.59	23.59	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	23.05	23.05	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.67	23.67	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.63	23.63	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.44	23.44	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.72	23.72	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	23.56	23.56	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.44	23.44	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	23.15	23.15	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	23.00	23.00	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	23.08	23.08	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.86	22.86	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.73	22.73	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	22.76	22.76	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	22.90	22.90	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	22.07	22.07	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	23.25	23.25	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.94	22.94	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.90	22.90	30.00	PASS



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Band4	1.4MHz	16QAM	20175	3RB#0	22.49	22.49	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	22.81	22.81	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.24	22.24	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.89	21.89	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.94	22.94	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.82	22.82	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.79	22.79	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.49	22.49	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	22.50	22.50	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	22.39	22.39	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.62	21.62	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	22.78	22.78	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	22.97	22.97	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	22.79	22.79	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	22.69	22.69	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	22.78	22.78	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	22.65	22.65	30.00	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	21.52	21.52	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	22.56	22.56	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	22.55	22.55	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	22.67	22.67	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	22.69	22.69	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	22.57	22.57	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	22.50	22.50	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	21.82	21.82	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	22.66	22.66	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	22.57	22.57	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	22.33	22.33	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	22.64	22.64	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	22.46	22.46	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	22.33	22.33	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	21.83	21.83	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.90	23.90	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.85	23.85	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.83	23.83	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	23.10	23.10	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.94	22.94	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.91	22.91	30.00	PASS



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Band4	3MHz	QPSK	19965	15RB#0	22.89	22.89	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.57	23.57	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.53	23.53	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.72	23.72	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.83	22.83	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.81	22.81	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.76	22.76	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.78	22.78	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.60	23.60	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.76	23.76	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.57	23.57	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.75	22.75	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.62	22.62	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.66	22.66	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.61	22.61	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	23.58	23.58	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	23.12	23.12	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.72	22.72	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	22.00	22.00	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.99	21.99	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.90	21.90	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.93	21.93	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	23.24	23.24	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	23.13	23.13	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.90	22.90	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.85	21.85	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.87	21.87	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.86	21.86	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.85	21.85	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	23.03	23.03	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	23.26	23.26	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.68	22.68	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.78	21.78	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.74	21.74	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.68	21.68	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.39	21.39	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	22.83	22.83	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	22.76	22.76	30.00	PASS



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Band4	3MHz	64QAM	19965	1RB#14	22.73	22.73	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#0	21.98	21.98	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#4	21.85	21.85	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#7	21.91	21.91	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	21.88	21.88	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	22.44	22.44	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	22.51	22.51	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	22.62	22.62	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#0	21.73	21.73	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#4	21.79	21.79	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#7	21.75	21.75	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	21.72	21.72	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	22.57	22.57	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	22.75	22.75	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	22.56	22.56	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#0	21.65	21.65	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#4	21.61	21.61	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#7	21.60	21.60	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	21.54	21.54	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.83	23.83	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	24.03	24.03	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.91	23.91	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	23.03	23.03	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.94	22.94	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.90	22.90	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.98	22.98	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.97	23.97	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.85	23.85	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.80	23.80	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.95	22.95	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.96	22.96	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.94	22.94	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.94	22.94	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.77	23.77	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.90	23.90	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.15	23.15	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.71	22.71	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.52	22.52	30.00	PASS



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Band4	5MHz	QPSK	20375	12RB#13	22.54	22.54	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.83	22.83	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	23.03	23.03	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	23.40	23.40	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	23.29	23.29	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	22.20	22.20	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	22.03	22.03	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	22.06	22.06	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.98	21.98	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	23.02	23.02	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	23.17	23.17	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	23.12	23.12	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.94	21.94	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.92	21.92	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.86	21.86	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.83	21.83	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	23.30	23.30	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	23.08	23.08	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.54	22.54	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.77	21.77	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.81	21.81	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.58	21.58	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.59	21.59	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	22.81	22.81	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	23.00	23.00	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	22.86	22.86	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#0	21.93	21.93	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#6	21.84	21.84	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#13	21.82	21.82	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	21.90	21.90	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	22.89	22.89	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	22.72	22.72	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	22.67	22.67	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#0	21.86	21.86	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#6	21.86	21.86	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#13	21.90	21.90	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	21.85	21.85	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	22.66	22.66	30.00	PASS



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Band4	5MHz	64QAM	20375	1RB#12	22.81	22.81	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	22.14	22.14	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#0	21.65	21.65	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#6	21.46	21.46	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#13	21.47	21.47	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	21.83	21.83	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	24.05	24.05	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.94	23.94	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.95	23.95	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	23.01	23.01	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	23.00	23.00	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.95	22.95	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	23.04	23.04	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	24.04	24.04	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.87	23.87	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.83	23.83	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.99	22.99	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.88	22.88	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	23.00	23.00	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.95	22.95	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.92	23.92	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.71	23.71	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.80	23.80	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.86	22.86	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.83	22.83	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.84	22.84	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.84	22.84	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	23.05	23.05	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	23.50	23.50	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	23.00	23.00	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	22.14	22.14	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.95	21.95	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	22.06	22.06	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	22.02	22.02	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	23.30	23.30	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	23.48	23.48	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.81	22.81	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	22.05	22.05	30.00	PASS



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Band4	10MHz	16QAM	20175	25RB#12	22.01	22.01	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.86	21.86	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.98	21.98	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	23.15	23.15	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	23.26	23.26	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.03	22.03	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.88	21.88	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.77	21.77	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.82	21.82	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	22.15	22.15	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	22.96	22.96	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	22.84	22.84	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	22.85	22.85	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#0	21.94	21.94	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#12	21.99	21.99	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#25	21.87	21.87	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	21.99	21.99	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	22.98	22.98	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	22.81	22.81	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	22.81	22.81	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#0	21.94	21.94	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#12	21.76	21.76	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#25	21.90	21.90	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	21.91	21.91	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	22.84	22.84	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	22.61	22.61	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	22.67	22.67	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#0	21.84	21.84	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#12	21.70	21.70	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#25	21.82	21.82	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	21.73	21.73	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	24.06	24.06	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.42	23.42	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.55	23.55	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#0	22.30	22.30	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.39	22.39	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.43	22.43	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.46	22.46	30.00	PASS



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Band4	15MHz	QPSK	20175	1RB#0	23.93	23.93	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.40	23.40	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.41	23.41	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.44	22.44	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.49	22.49	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#37	22.35	22.35	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.44	22.44	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.87	23.87	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.34	23.34	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.19	23.19	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.52	22.52	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.42	22.42	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.24	22.24	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.19	22.19	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.52	22.52	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	23.28	23.28	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.65	22.65	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.30	21.30	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.47	21.47	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.49	21.49	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.43	21.43	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.68	22.68	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.87	22.87	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.47	22.47	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.43	21.43	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.47	21.47	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.35	21.35	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.34	21.34	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	23.37	23.37	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.60	22.60	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.30	22.30	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.54	21.54	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.43	21.43	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.23	21.23	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.36	21.36	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	22.99	22.99	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	22.30	22.30	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	22.49	22.49	30.00	PASS



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Band4	15MHz	64QAM	20025	38RB#0	21.28	21.28	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#18	21.26	21.26	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#37	21.34	21.34	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	21.36	21.36	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	22.85	22.85	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	22.40	22.40	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	22.28	22.28	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#0	21.44	21.44	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#18	21.40	21.40	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#37	21.24	21.24	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	21.43	21.43	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	22.76	22.76	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	22.22	22.22	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	22.10	22.10	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#0	21.45	21.45	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#18	21.41	21.41	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#37	21.15	21.15	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	21.11	21.11	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.85	23.85	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.96	23.96	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.43	23.43	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.42	22.42	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.41	22.41	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.38	22.38	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.39	22.39	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.65	23.65	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	24.10	24.10	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.45	23.45	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.56	22.56	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.39	22.39	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.38	22.38	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.61	22.61	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.65	23.65	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	24.09	24.09	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.25	23.25	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.49	22.49	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.16	22.16	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.25	22.25	30.00	PASS



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Band4	20MHz	QPSK	20300	100RB#0	22.36	22.36	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.24	22.24	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.35	22.35	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.28	22.28	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.23	21.23	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.41	21.41	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.32	21.32	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.50	21.50	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.25	22.25	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.43	22.43	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.25	22.25	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.43	21.43	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.33	21.33	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.39	21.39	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.41	21.41	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.45	22.45	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.29	22.29	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.36	22.36	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.32	21.32	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.28	21.28	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.23	21.23	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.22	21.22	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	22.82	22.82	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	22.85	22.85	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	22.39	22.39	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#0	21.39	21.39	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#25	21.37	21.37	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#50	21.38	21.38	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	21.31	21.31	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	22.63	22.63	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	23.00	23.00	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	22.44	22.44	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#0	21.50	21.50	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#25	21.34	21.34	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#50	21.25	21.25	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	21.61	21.61	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	22.60	22.60	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	22.84	22.84	30.00	PASS



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Band4	20MHz	64QAM	20300	1RB#99	22.12	22.12	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#0	21.42	21.42	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#25	21.09	21.09	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#50	21.17	21.17	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	21.23	21.23	30.00	PASS



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ANT2:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.75	23.25	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	24.14	23.64	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.96	23.46	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.90	23.4	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.83	23.33	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.92	23.42	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.88	22.38	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.51	23.01	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.53	23.03	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.43	22.93	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.55	23.05	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.67	23.17	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.59	23.09	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.57	22.07	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.08	22.58	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.02	22.52	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.25	22.75	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.43	22.93	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	23.41	22.91	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.21	22.71	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.28	21.78	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.94	22.44	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	23.44	22.94	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	23.10	22.6	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.77	22.27	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	22.99	22.49	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	22.78	22.28	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.94	21.44	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.43	21.93	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	23.19	22.69	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	23.00	22.5	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	22.57	22.07	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	22.53	22.03	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.48	21.98	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.52	21.02	30.00	PASS



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Band4	1.4MHz	16QAM	20393	1RB#0	22.48	21.98	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.97	22.47	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.54	22.04	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.11	21.61	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	22.14	21.64	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	22.24	21.74	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.05	20.55	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	21.68	21.18	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	22.01	21.51	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	21.94	21.44	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	21.82	21.32	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	21.75	21.25	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	21.87	21.37	30.00	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	20.86	20.36	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	21.50	21	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	21.52	21.02	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	21.41	20.91	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	21.55	21.05	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	21.62	21.12	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	21.47	20.97	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	20.48	19.98	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	21.00	20.5	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	21.06	20.56	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	21.22	20.72	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	21.31	20.81	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	21.39	20.89	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	21.11	20.61	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	20.21	19.71	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.93	23.43	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.96	23.46	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.83	23.33	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	23.02	22.52	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.91	22.41	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.92	22.42	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	23.04	22.54	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.52	23.02	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.73	23.23	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.68	23.18	30.00	PASS



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Band4	3MHz	QPSK	20175	8RB#0	22.65	22.15	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.64	22.14	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.52	22.02	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.58	22.08	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.20	22.7	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.13	22.63	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.24	22.74	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.28	21.78	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.34	21.84	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.40	21.9	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.34	21.84	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	23.23	22.73	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	23.38	22.88	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.64	22.14	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	22.06	21.56	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	22.08	21.58	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.91	21.41	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	22.16	21.66	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	23.21	22.71	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	23.02	22.52	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.88	22.38	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.70	21.2	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.66	21.16	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.65	21.15	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.57	21.07	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	23.07	22.57	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.97	22.47	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.38	21.88	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.50	21	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.55	21.05	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.39	20.89	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.32	20.82	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	21.88	21.38	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	21.83	21.33	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	21.74	21.24	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#0	21.00	20.5	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#4	20.81	20.31	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#7	20.88	20.38	30.00	PASS



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Band4	3MHz	64QAM	19965	15RB#0	21.02	20.52	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	21.43	20.93	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	21.65	21.15	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	21.56	21.06	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#0	20.62	20.12	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#4	20.56	20.06	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#7	20.39	19.89	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	20.55	20.05	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	21.17	20.67	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	21.04	20.54	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	21.14	20.64	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#0	20.15	19.65	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#4	20.28	19.78	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#7	20.37	19.87	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	20.34	19.84	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.78	23.28	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	24.13	23.63	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.86	23.36	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.90	22.4	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.93	22.43	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	23.03	22.53	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	23.15	22.65	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.66	23.16	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.65	23.15	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.58	23.08	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.65	22.15	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.63	22.13	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.61	22.11	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.64	22.14	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.33	22.83	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.38	22.88	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.07	22.57	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.45	21.95	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.28	21.78	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.16	21.66	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.47	21.97	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	23.51	23.01	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	23.45	22.95	30.00	PASS



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Band4	5MHz	16QAM	19975	1RB#24	22.97	22.47	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	22.11	21.61	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.97	21.47	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	22.01	21.51	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	22.21	21.71	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	23.35	22.85	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	23.36	22.86	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.77	22.27	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.63	21.13	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.71	21.21	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.76	21.26	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.58	21.08	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	23.08	22.58	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.23	21.73	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.10	21.6	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.34	20.84	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.46	20.96	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.20	20.7	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.36	20.86	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	21.66	21.16	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	22.02	21.52	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	21.84	21.34	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#0	20.90	20.4	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#6	20.80	20.3	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#13	20.96	20.46	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	21.05	20.55	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	21.63	21.13	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	21.63	21.13	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	21.50	21	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#0	20.58	20.08	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#6	20.62	20.12	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#13	20.60	20.1	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	20.58	20.08	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	21.24	20.74	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	21.25	20.75	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	21.01	20.51	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#0	20.33	19.83	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#6	20.17	19.67	30.00	PASS



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Band4	5MHz	64QAM	20375	12RB#13	20.14	19.64	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	20.41	19.91	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	24.24	23.74	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.95	23.45	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	24.05	23.55	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.87	22.37	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.94	22.44	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.85	22.35	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.88	22.38	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	24.00	23.5	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.51	23.01	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.88	23.38	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.70	22.2	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.69	22.19	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.69	22.19	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.70	22.2	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.69	23.19	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.51	23.01	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.05	22.55	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.43	21.93	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.41	21.91	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.28	21.78	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.44	21.94	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	23.55	23.05	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	23.42	22.92	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.71	22.21	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	22.04	21.54	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.99	21.49	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.83	21.33	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	22.03	21.53	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	23.57	23.07	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.60	22.1	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.64	22.14	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.79	21.29	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.75	21.25	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.66	21.16	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.74	21.24	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.65	22.15	30.00	PASS



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Band4	10MHz	16QAM	20350	1RB#24	22.70	22.2	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.08	21.58	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.56	21.06	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.52	21.02	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.41	20.91	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.55	21.05	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	22.14	21.64	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	21.85	21.35	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	22.02	21.52	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#0	20.75	20.25	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#12	20.94	20.44	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#25	20.76	20.26	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	20.86	20.36	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	21.94	21.44	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	21.48	20.98	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	21.80	21.3	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#0	20.67	20.17	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#12	20.65	20.15	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#25	20.64	20.14	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	20.60	20.1	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	21.63	21.13	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	21.44	20.94	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	21.09	20.59	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#0	20.31	19.81	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#12	20.30	19.8	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#25	20.22	19.72	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	20.32	19.82	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	24.46	23.96	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.22	22.72	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.37	22.87	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#0	22.54	22.04	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.38	21.88	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.42	21.92	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.31	21.81	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.87	23.37	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.10	22.6	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.36	22.86	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.13	21.63	30.00	PASS



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Band4	15MHz	QPSK	20175	38RB#18	22.09	21.59	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#37	22.09	21.59	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.10	21.6	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.94	23.44	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.07	22.57	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.08	22.58	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.04	21.54	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.21	21.71	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.09	21.59	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.04	21.54	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	23.09	22.59	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.65	22.15	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.08	21.58	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.65	21.15	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.26	20.76	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.30	20.8	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.30	20.8	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.66	22.16	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.52	22.02	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.04	21.54	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.11	20.61	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.20	20.7	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.06	20.56	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.17	20.67	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.33	21.83	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.35	21.85	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.03	21.53	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.01	20.51	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.06	20.56	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.04	20.54	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.02	20.52	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	22.34	21.84	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	21.12	20.62	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	21.30	20.8	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#0	20.51	20.01	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#18	20.32	19.82	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#37	20.40	19.9	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	20.18	19.68	30.00	PASS



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Band4	15MHz	64QAM	20175	1RB#0	21.78	21.28	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	21.03	20.53	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	21.36	20.86	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#0	20.02	19.52	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#18	20.05	19.55	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#37	20.04	19.54	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	20.03	19.53	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	21.82	21.32	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	21.05	20.55	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	21.07	20.57	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#0	21.02	20.52	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#18	20.13	19.63	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#37	20.07	19.57	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	20.03	19.53	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.21	22.71	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.88	23.38	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.04	22.54	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.46	21.96	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.29	21.79	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.32	21.82	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.21	21.71	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.04	22.54	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.92	23.42	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.07	22.57	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.32	21.82	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.31	21.81	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.06	21.56	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.09	21.59	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.06	22.56	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.42	22.92	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.09	22.59	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.00	21.5	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.08	21.58	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.07	21.57	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.09	21.59	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	23.10	22.6	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.36	21.86	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.06	21.56	30.00	PASS



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Band4	20MHz	16QAM	20050	50RB#0	21.40	20.9	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.25	20.75	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.17	20.67	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.47	20.97	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.74	22.24	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.37	21.87	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.23	21.73	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.25	20.75	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.09	20.59	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.06	20.56	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.07	20.57	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.38	21.88	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.63	22.13	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.02	21.52	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.02	20.52	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.02	20.52	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.01	20.51	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	22.04	21.54	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	21.15	20.65	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	21.72	21.22	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	21.05	20.55	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#0	20.36	19.86	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#25	20.16	19.66	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#50	20.19	19.69	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	20.18	19.68	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	21.03	20.53	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	21.83	21.33	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	21.04	20.54	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#0	20.18	19.68	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#25	20.32	19.82	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#50	20.03	19.53	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	20.03	19.53	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	21.09	20.59	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	21.35	20.85	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	21.02	20.52	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#0	20.09	19.59	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#25	20.08	19.58	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#50	20.09	19.59	30.00	PASS



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Band4	20MHz	64QAM	20300	100RB#0	20.06	19.56	30.00	PASS
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Remark:

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

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

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



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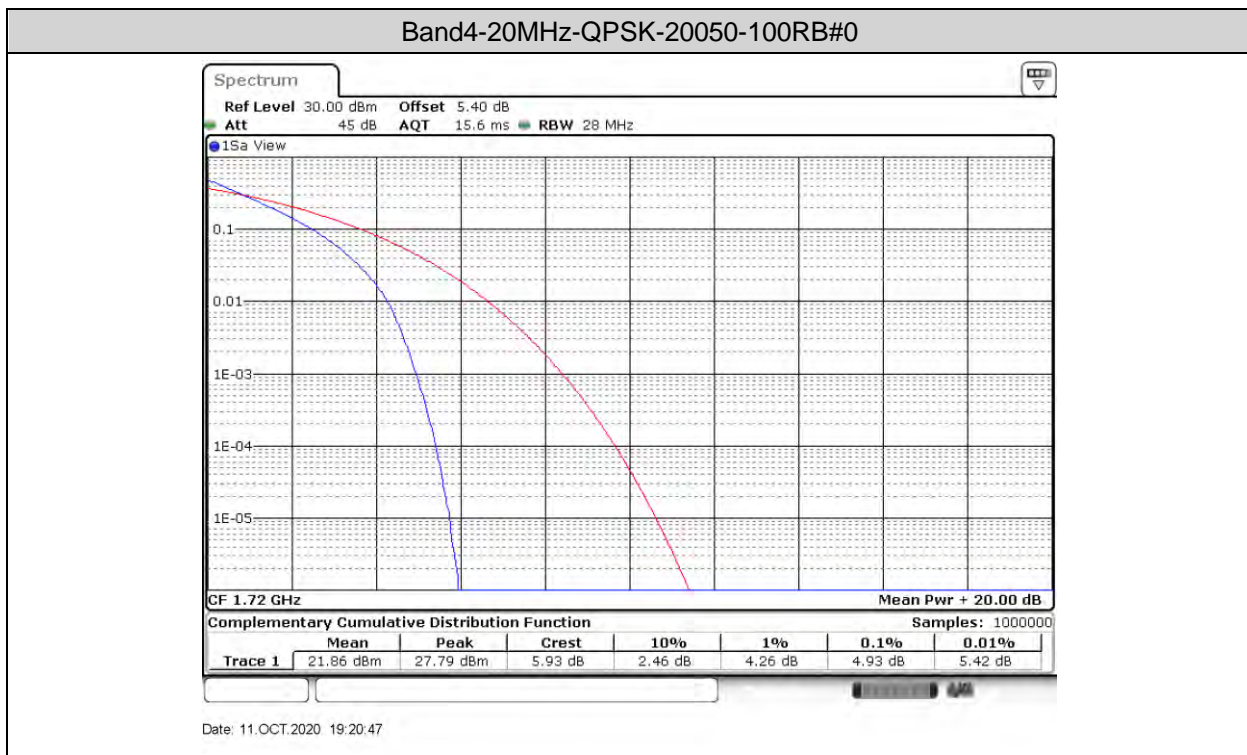
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2 Peak-to-Average Ratio (CCDF)

2.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	4.93	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.84	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.90	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.86	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.77	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.80	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.29	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.35	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.38	13	PASS

2.2 Test Plots



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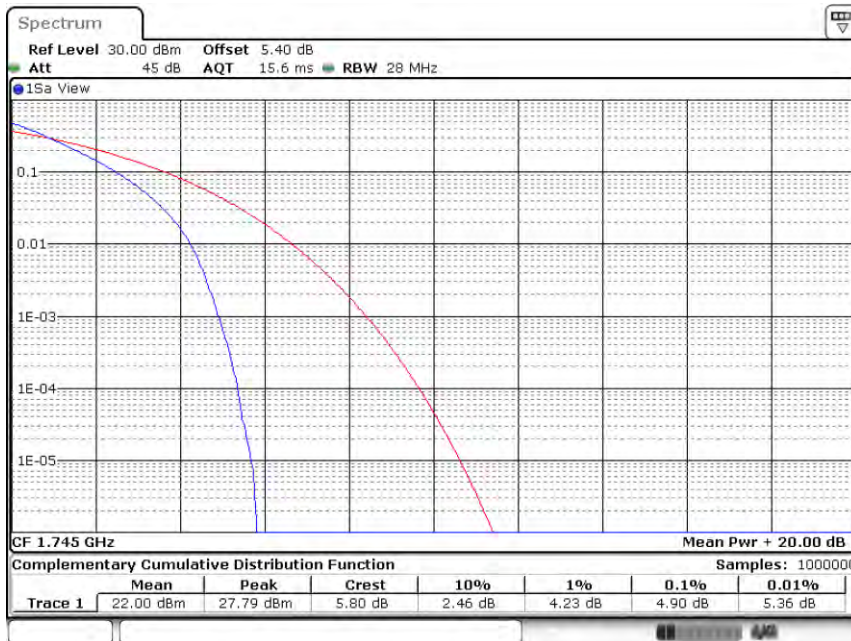
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Band4-20MHz-QPSK-20175-100RB#0



Date: 11.OCT.2020 19:21:16

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



Date: 11.OCT.2020 19:21:45



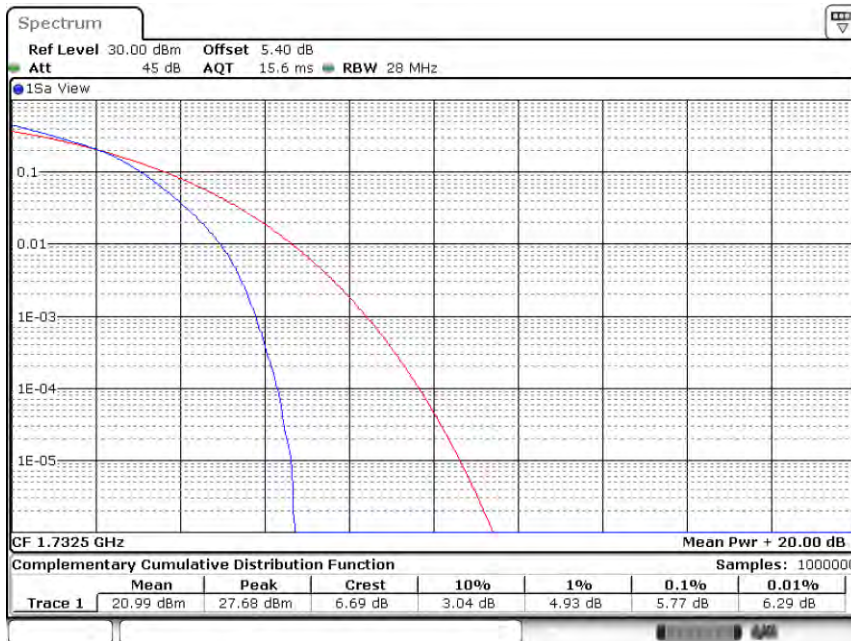
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Band4-20MHz-16QAM-20050-100RB#0



Date: 11.OCT.2020 19:21:01

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

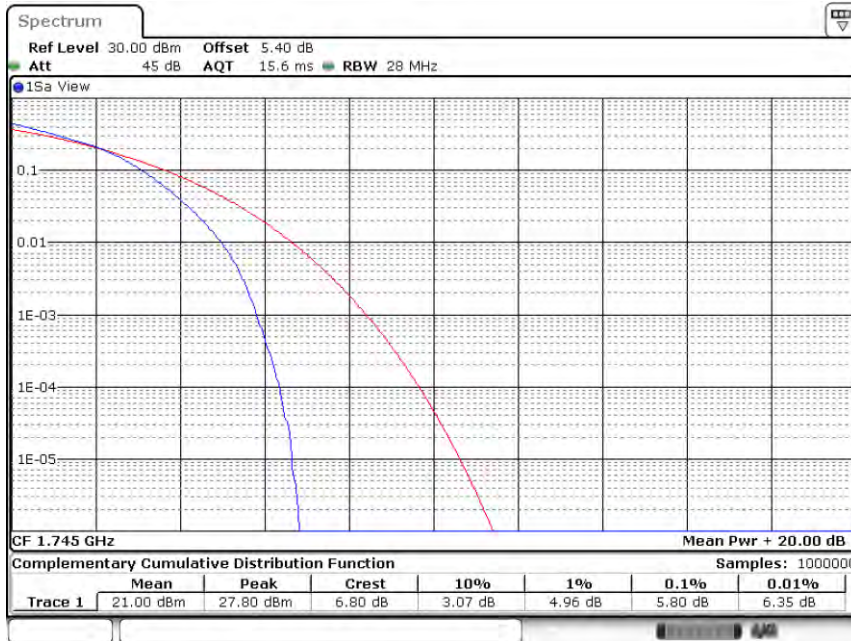


Date: 11.OCT.2020 19:21:30



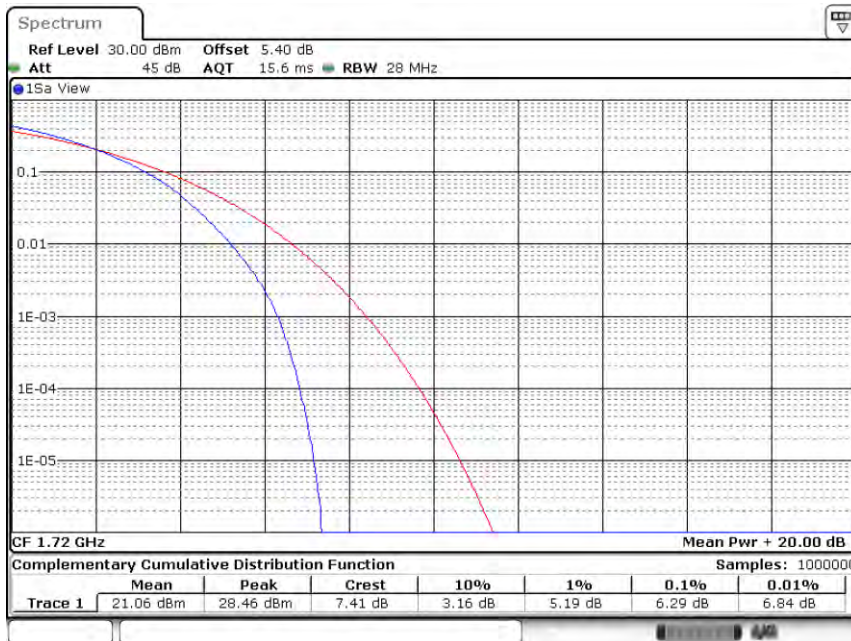
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Band4-20MHz-16QAM-20300-100RB#0



Date: 11.OCT.2020 19:21:59

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



Date: 14.OCT.2020 10:55:40



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



Date: 14.OCT.2020 10:55:55

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



Date: 14.OCT.2020 10:56:09



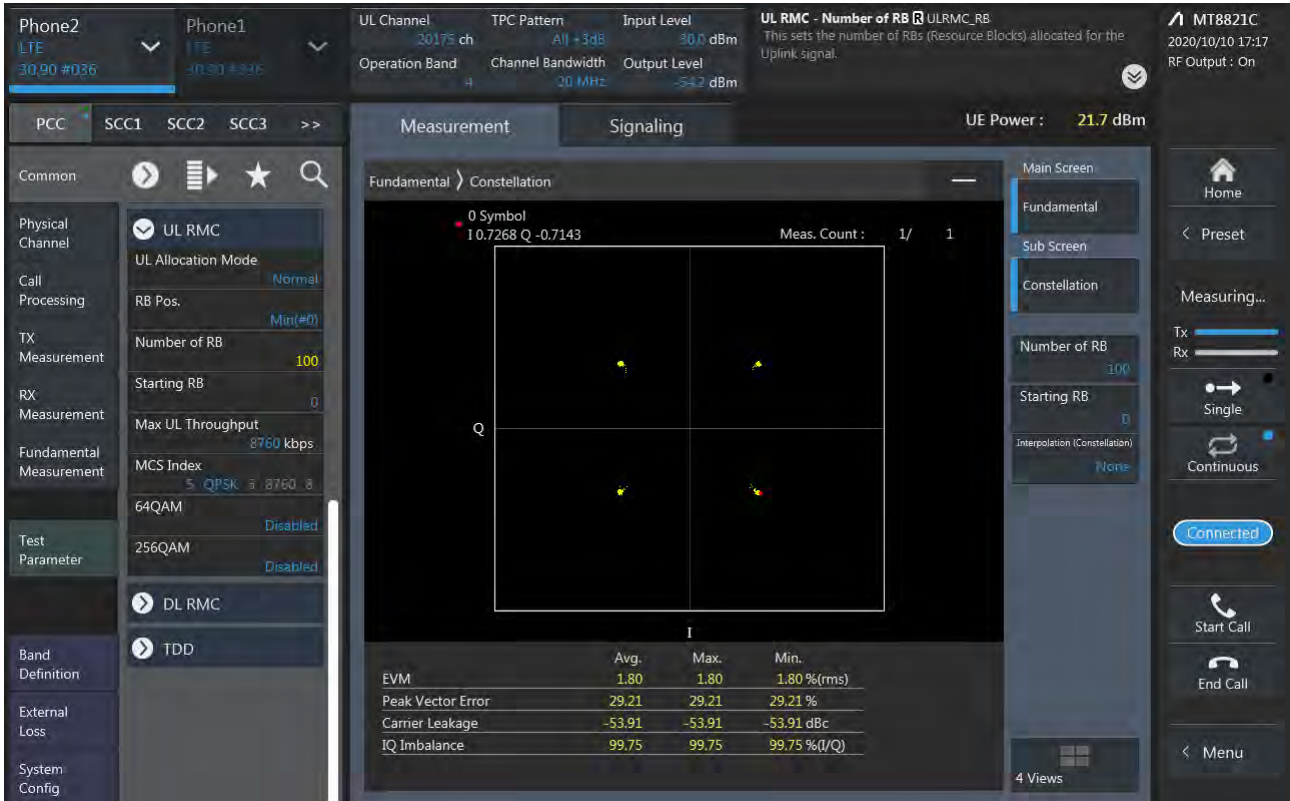
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3 Modulation Characteristics

3.1 Test Mode = LTE /TM1 20MHz

3.1.1 Test Channel = MCH



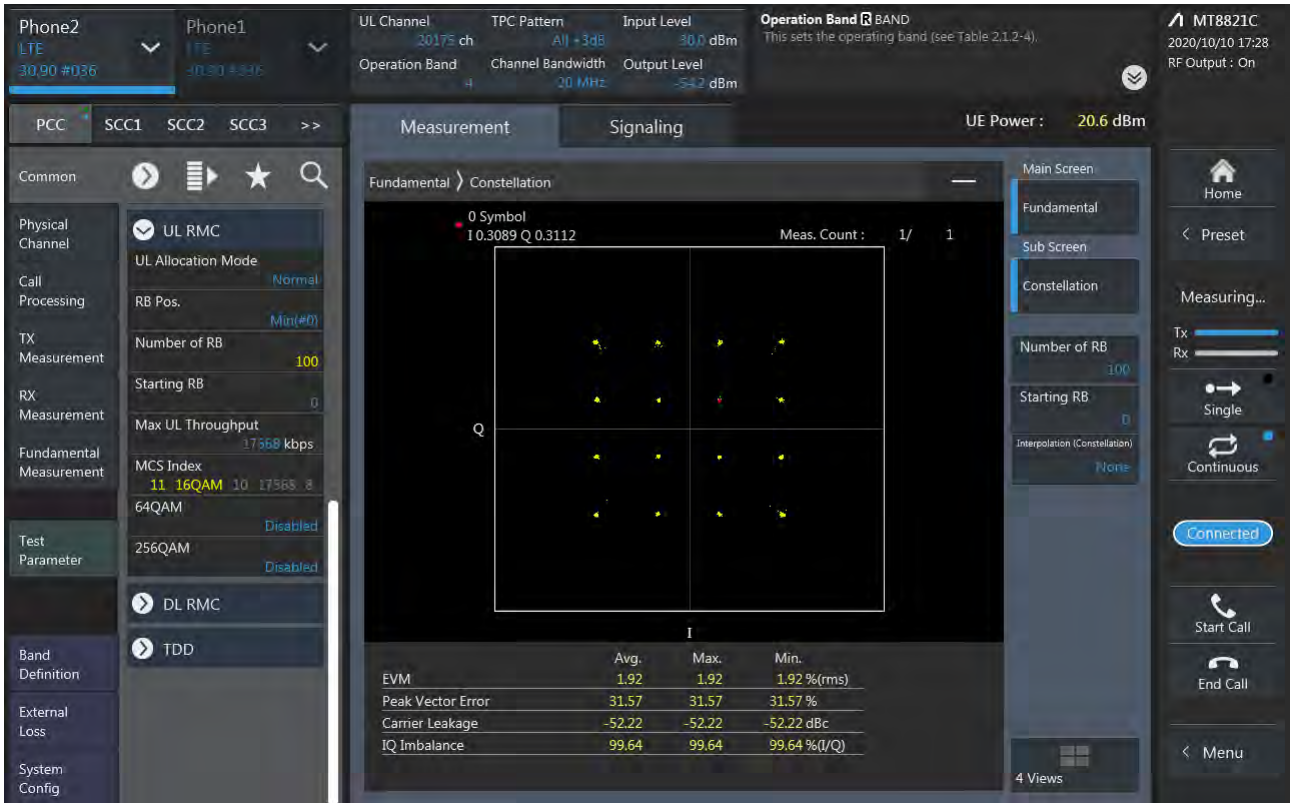
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3.2 Test Mode = LTE /TM2 20MHz

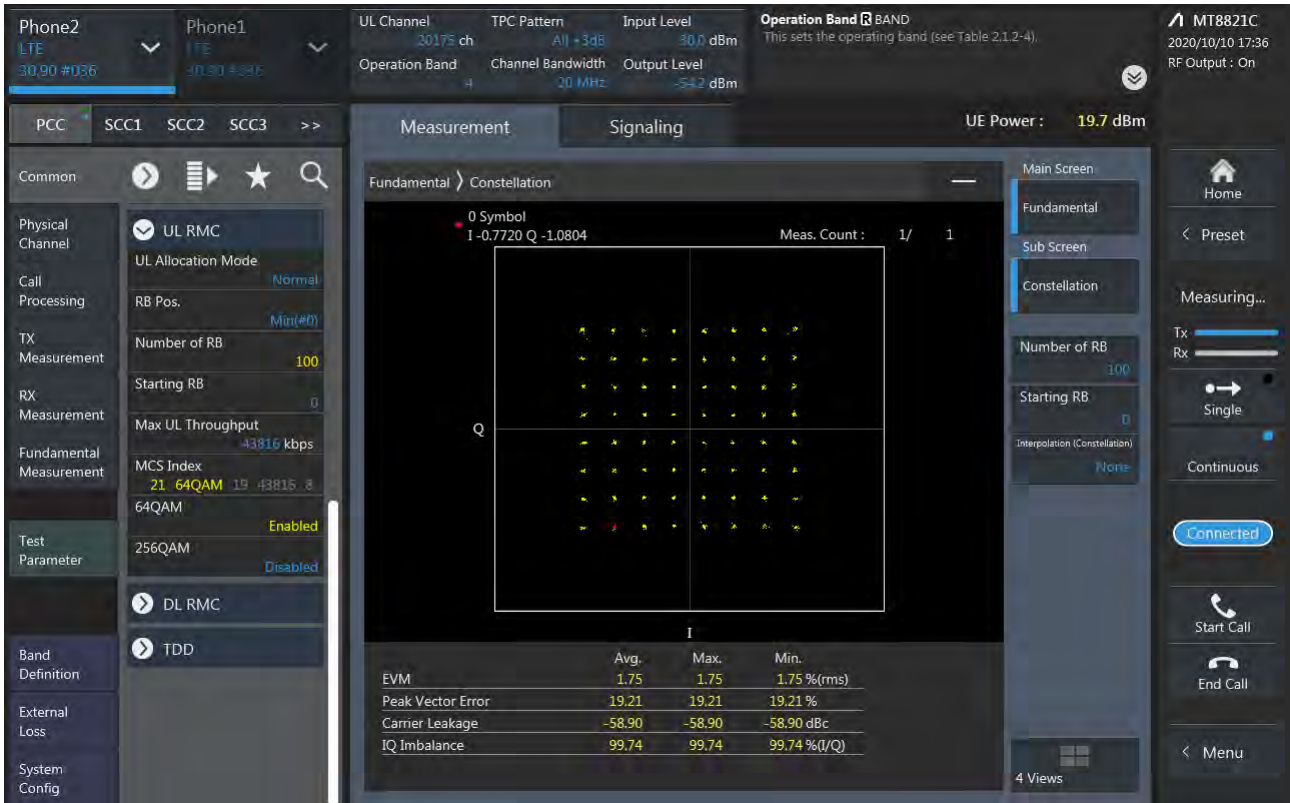
3.2.1 Test Channel = MCH





3.3 Test Mode = LTE /TM3 20MHz

3.3.1 Test Channel = MCH



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4 26dB Bandwidth and Occupied Bandwidth

4.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.091	1.293	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.091	1.275	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.091	1.296	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.091	1.287	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.094	1.278	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.088	1.290	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.1	1.299	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.097	1.311	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.094	1.296	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.691	2.994	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.691	2.994	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.691	2.994	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.685	2.976	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.685	2.976	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.691	2.976	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.691	2.976	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.691	2.976	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.691	2.970	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.476	4.930	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.476	4.930	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.476	4.930	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.486	4.950	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.486	4.940	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.476	4.940	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.476	4.920	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.476	4.930	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.476	4.920	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.911	9.680	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.931	9.720	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.911	9.740	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.911	9.720	PASS



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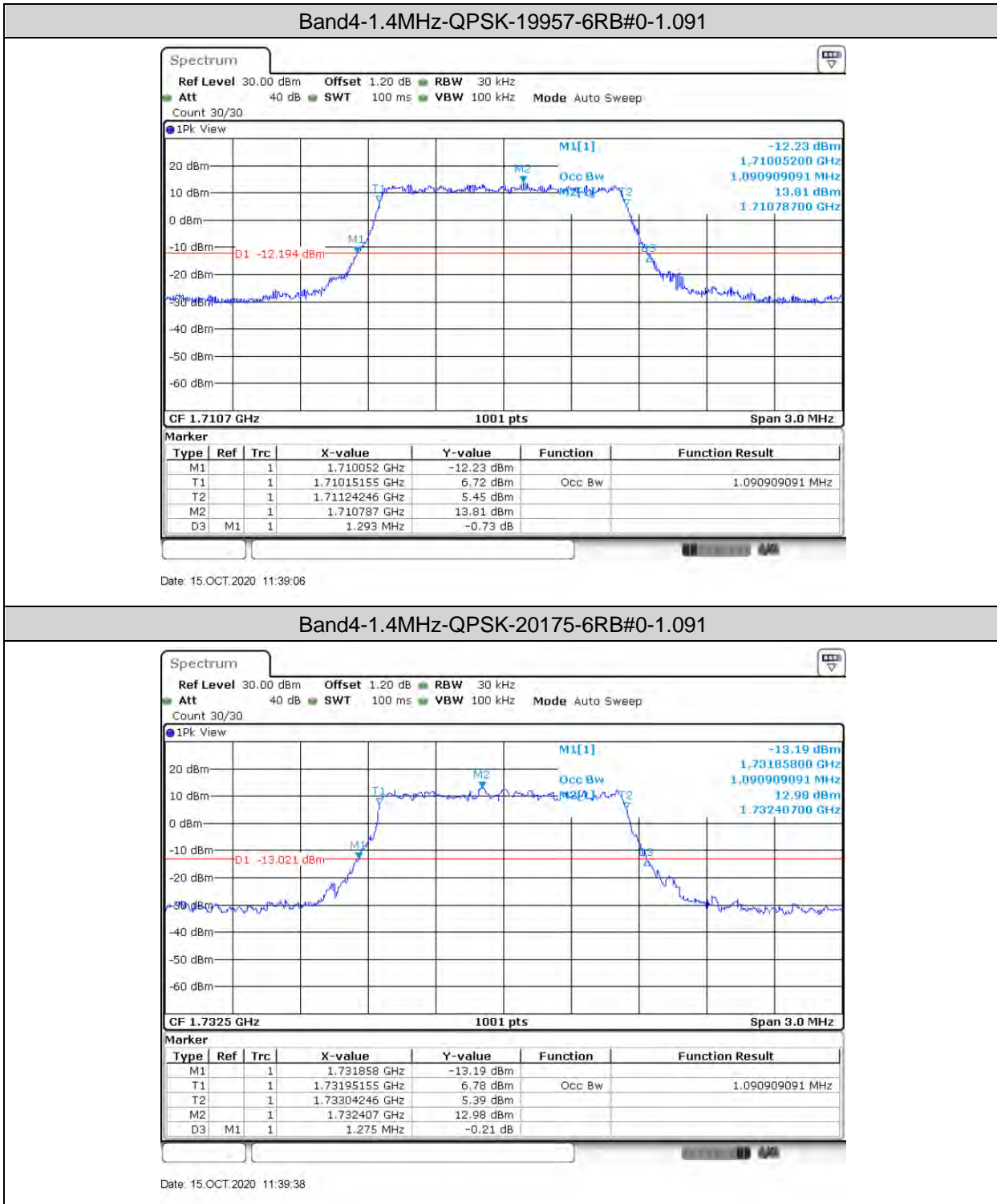
Band4	10MHz	16QAM	20175	50RB#0	8.911	9.700	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.931	9.720	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.911	9.660	PASS
Band4	10MHz	64QAM	20175	50RB#0	8.931	9.700	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.931	9.660	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.487	14.670	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.427	14.670	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.457	14.760	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.457	14.730	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.427	14.550	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.457	14.760	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.457	14.820	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.457	14.910	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.427	14.760	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.862	19.440	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.862	19.440	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.862	19.440	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.902	19.480	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.862	19.360	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.902	19.480	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.862	19.360	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.862	19.360	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.862	19.400	PASS



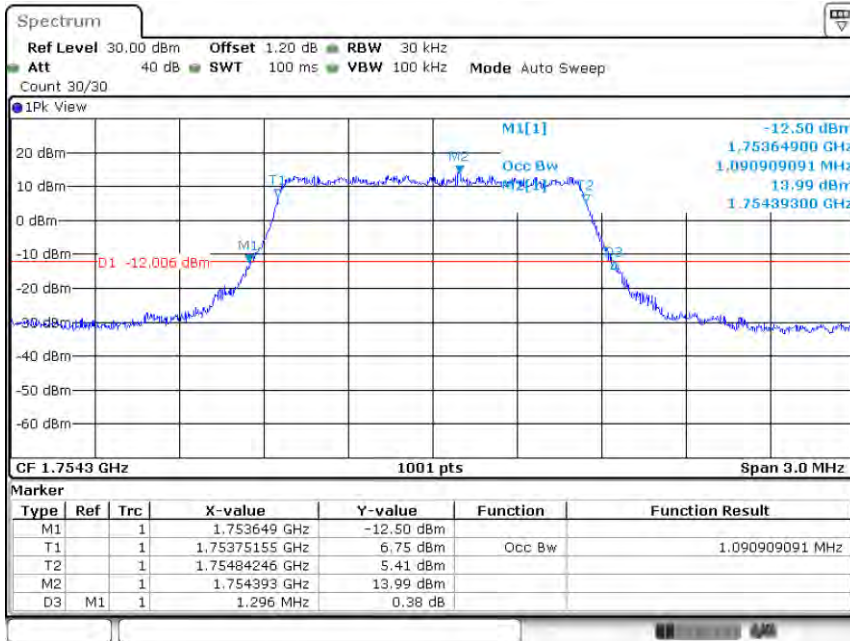
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4.2 Test Plots

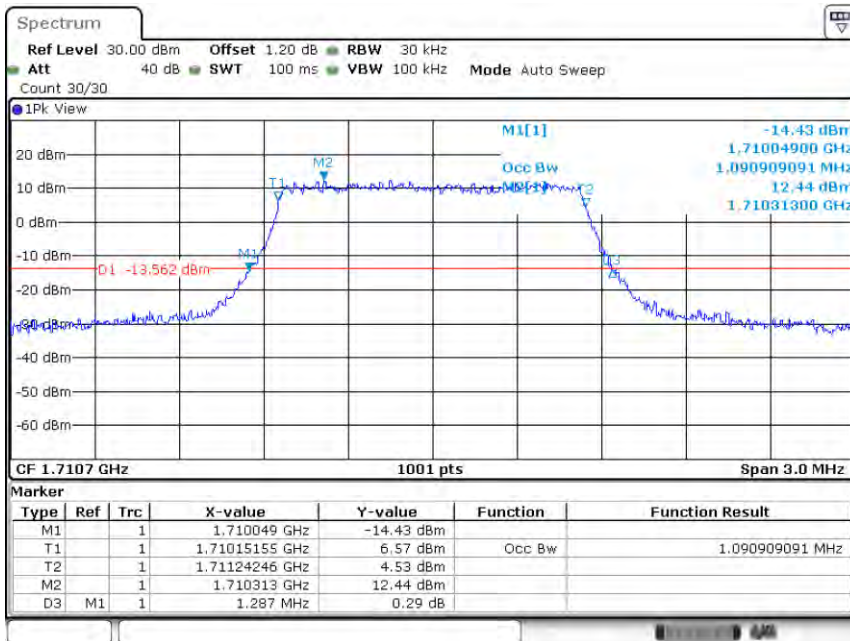


Band4-1.4MHz-QPSK-20393-6RB#0-1.091



Date: 15.OCT.2020 11:40:10

Band4-1.4MHz-16QAM-19957-6RB#0-1.091

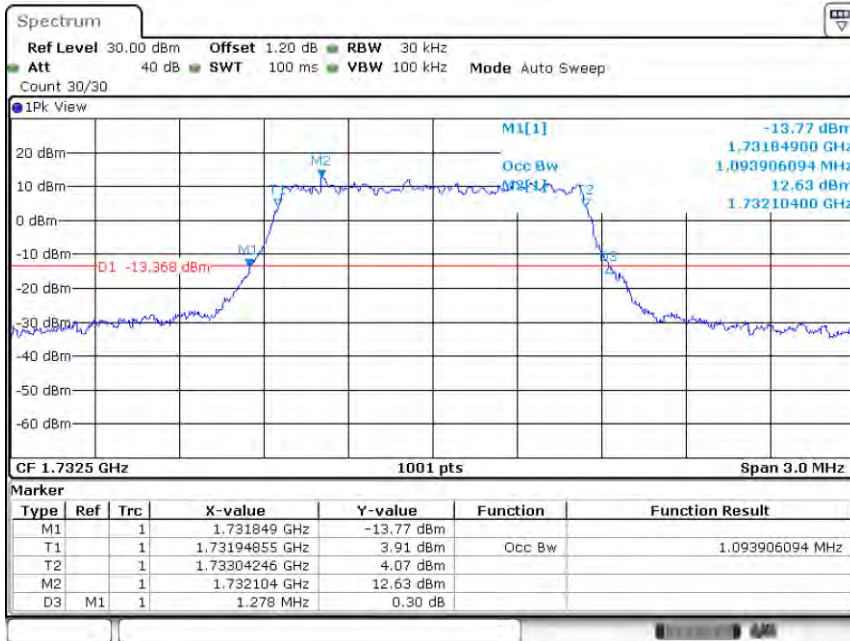


Date: 15.OCT.2020 11:39:22



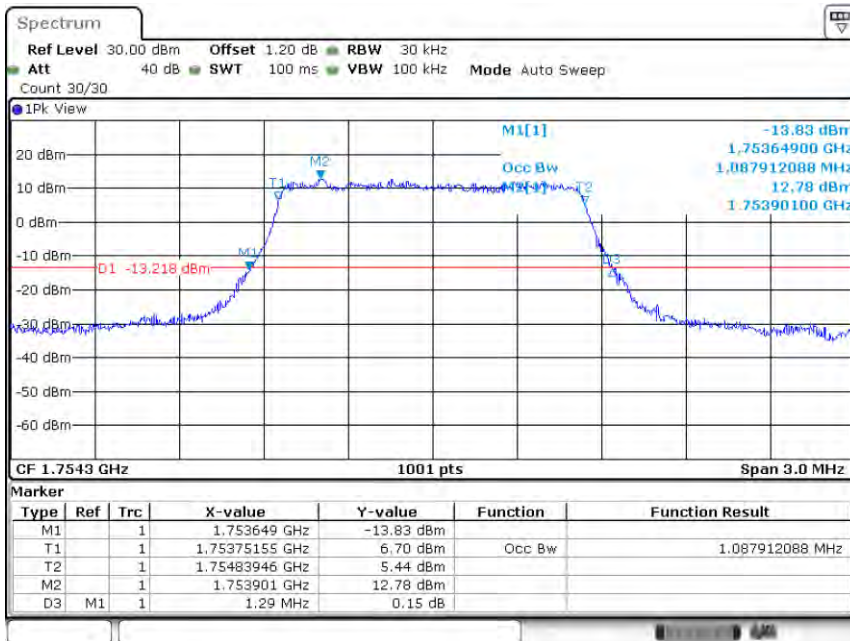
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Band4-1.4MHz-16QAM-20175-6RB#0-1.094



Date: 15.OCT.2020 11:39:54

Band4-1.4MHz-16QAM-20393-6RB#0-1.088

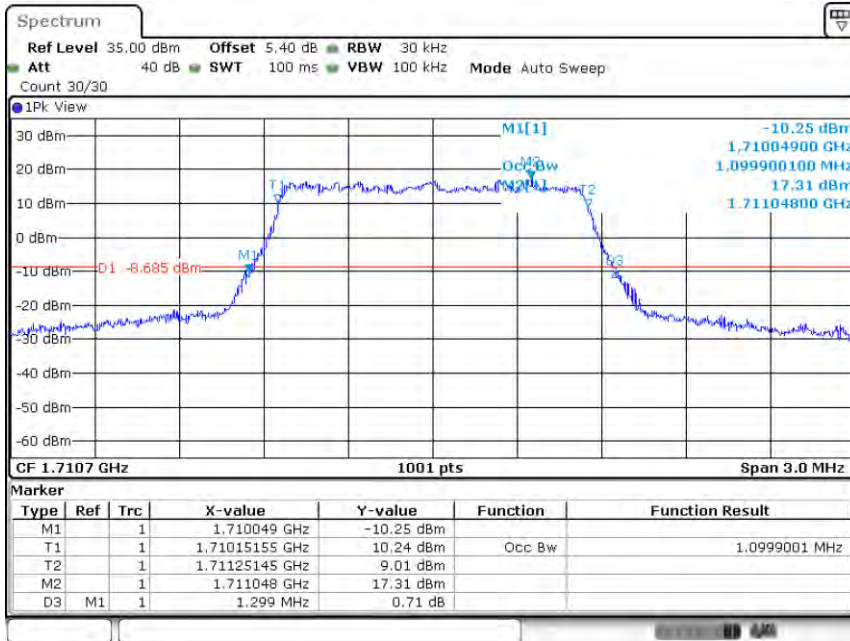


Date: 15.OCT.2020 11:40:26



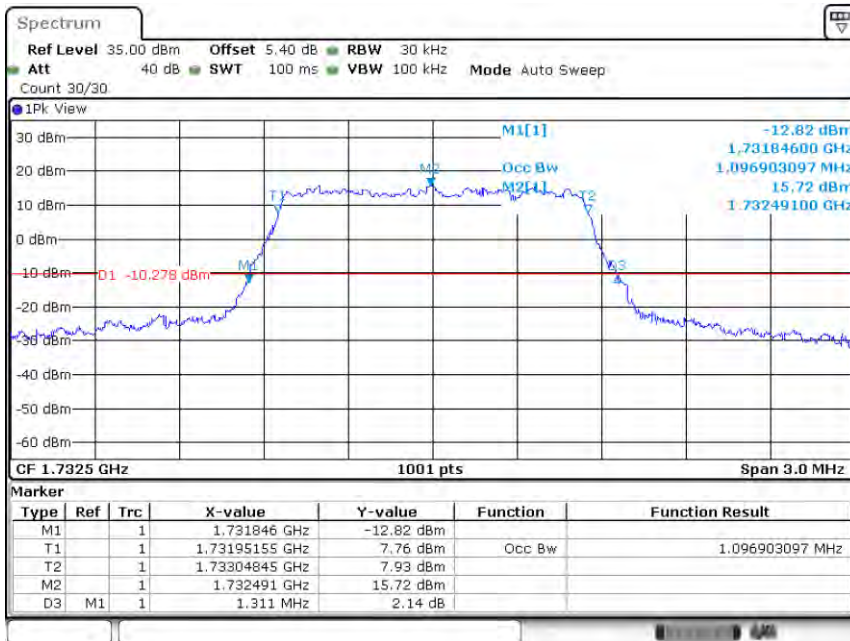
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Band4-1.4MHz-64QAM-19957-6RB#0-1.1



Date: 14.OCT.2020 10:36:09

Band4-1.4MHz-64QAM-20175-6RB#0-1.097

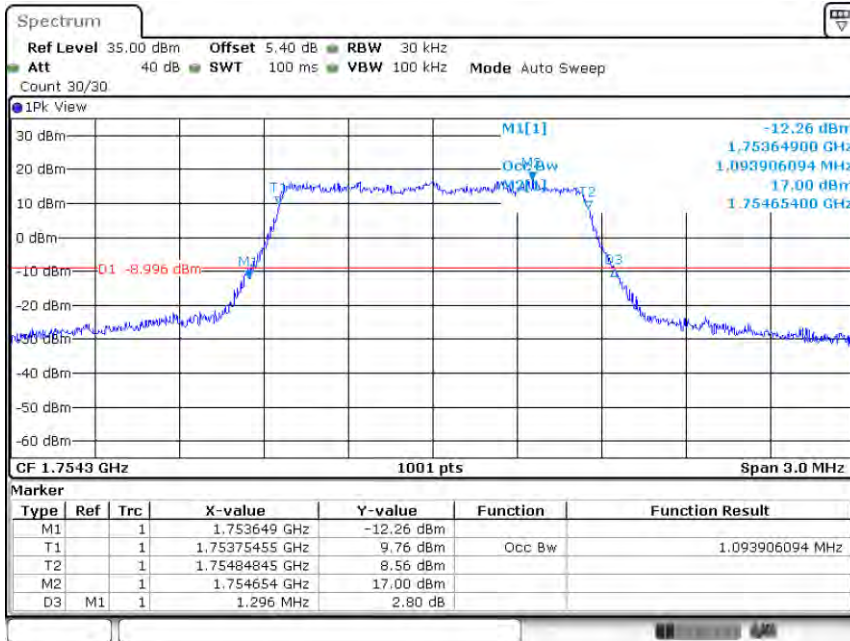


Date: 14.OCT.2020 10:36:25



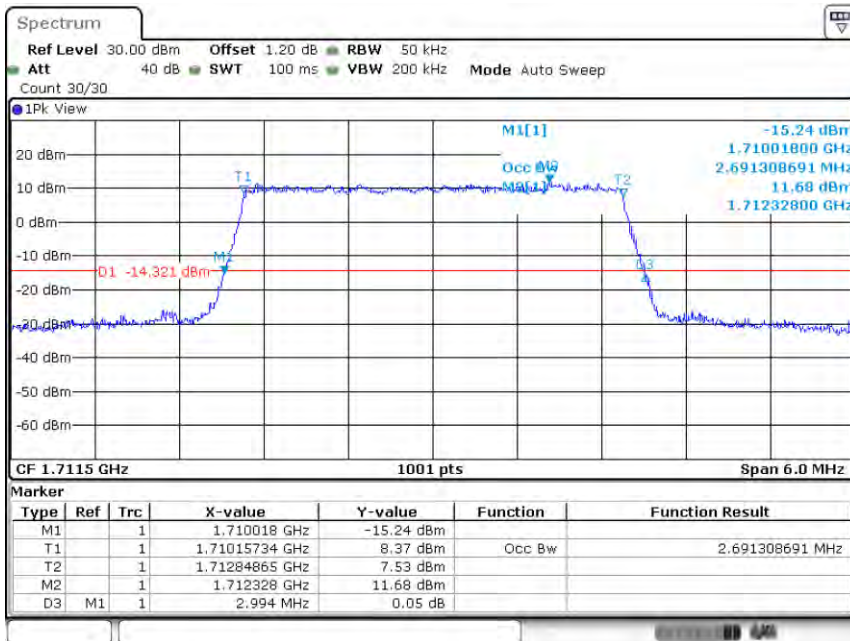
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Band4-1.4MHz-64QAM-20393-6RB#0-1.094



Date: 14.OCT.2020 10:36:41

Band4-3MHz-QPSK-19965-15RB#0-2.691

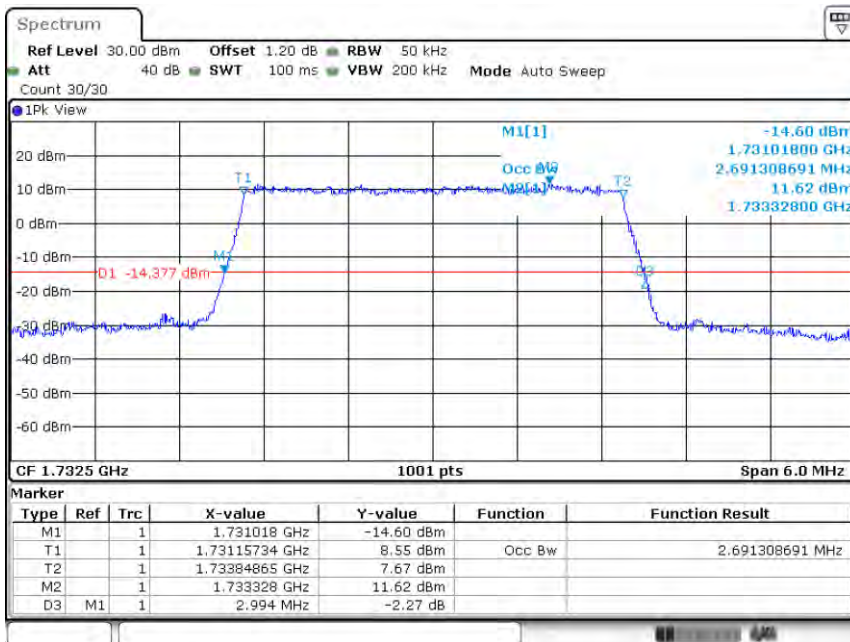


Date: 15.OCT.2020 11:40:48



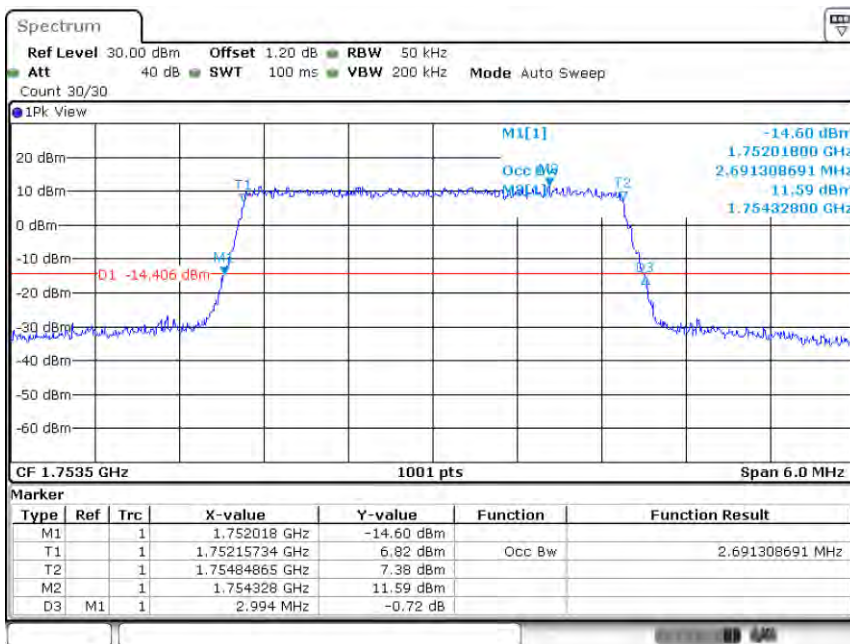
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Band4-3MHz-QPSK-20175-15RB#0-2.691



Date: 15.OCT.2020 11:41:20

Band4-3MHz-QPSK-20385-15RB#0-2.691

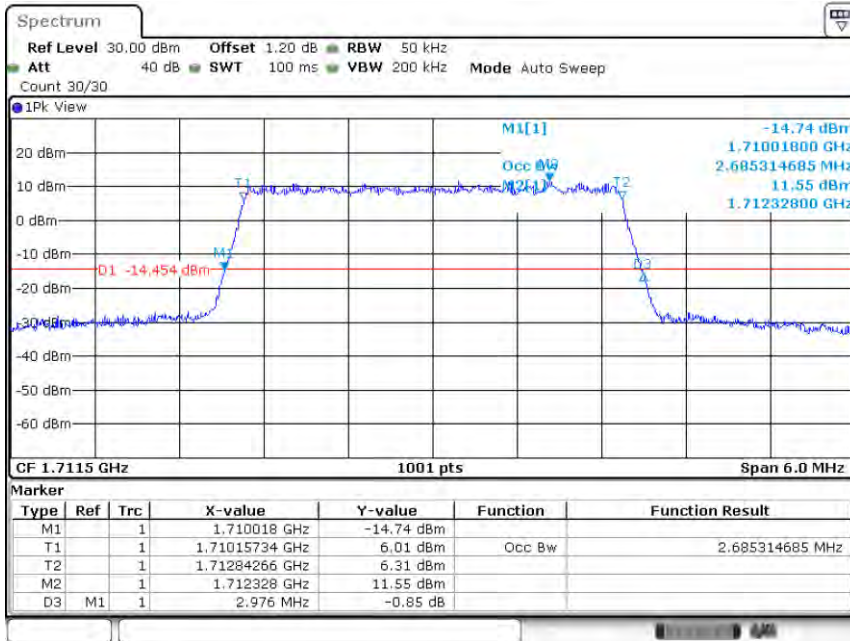


Date: 15.OCT.2020 11:41:52



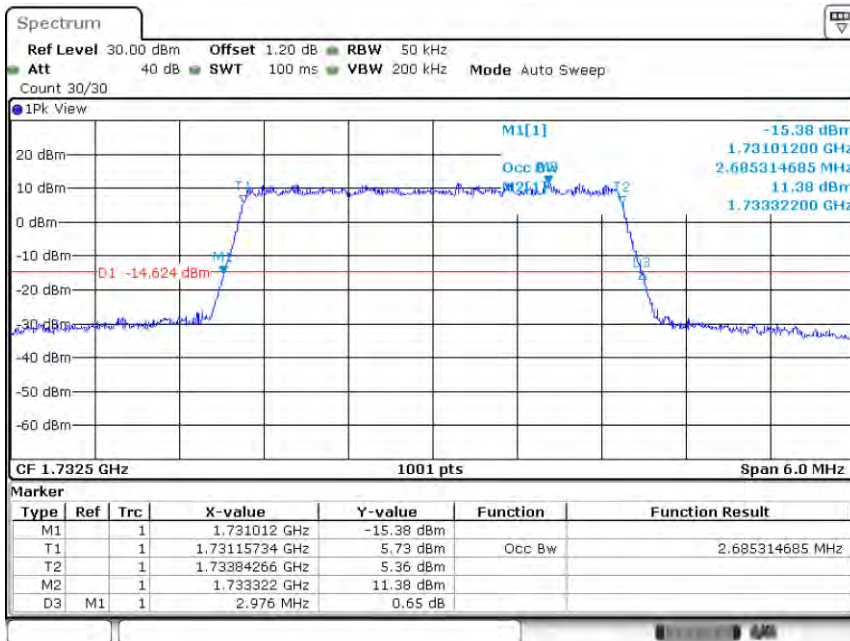
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Band4-3MHz-16QAM-19965-15RB#0-2.685



Date: 15.OCT.2020 11:41:04

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



Date: 15.OCT.2020 11:41:36

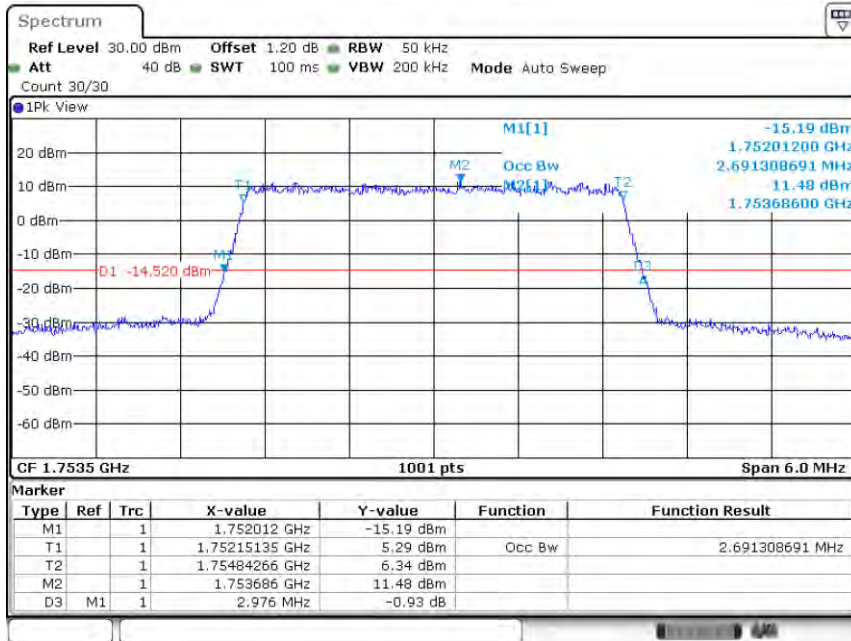


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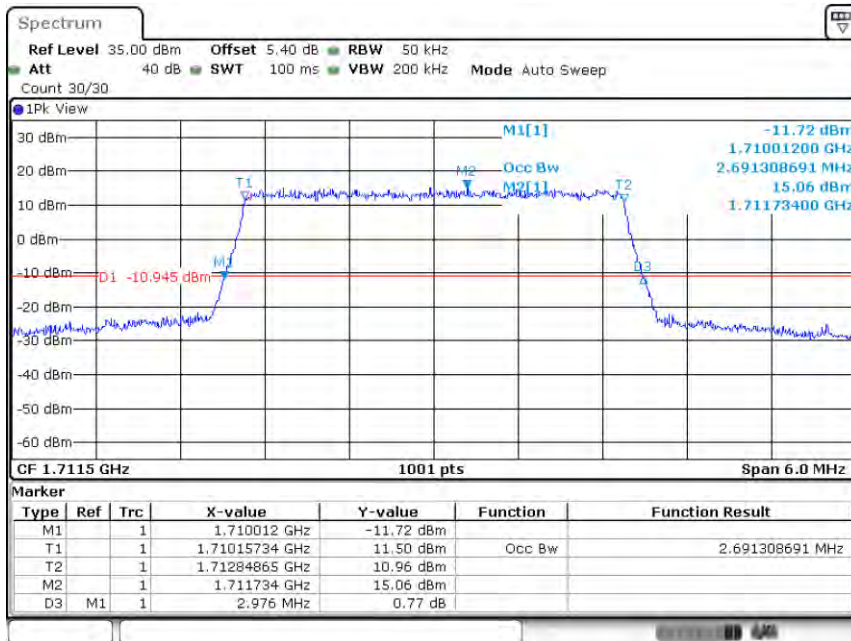
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Band4-3MHz-16QAM-20385-15RB#0-2.691



Date: 15.OCT.2020 11:42:07

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

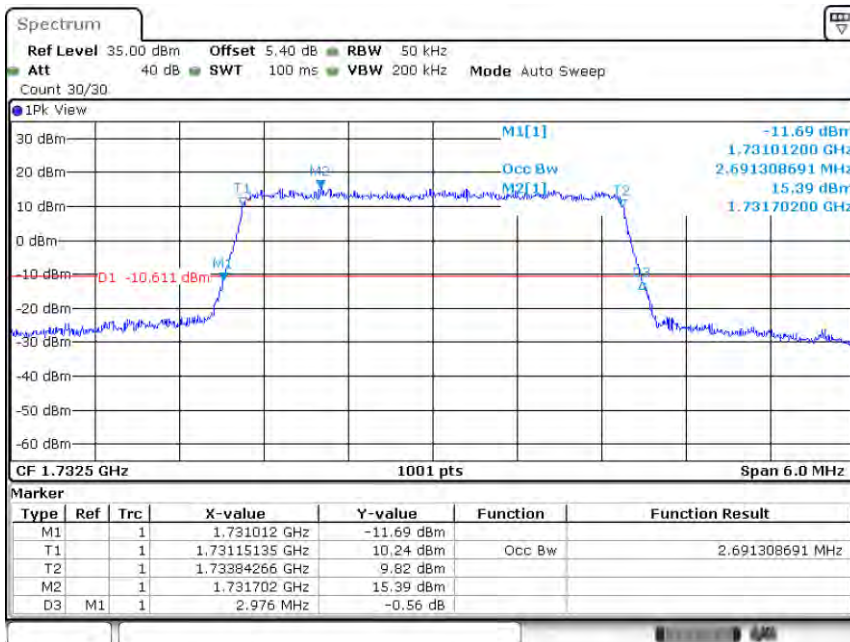


Date: 14.OCT.2020 10:37:04



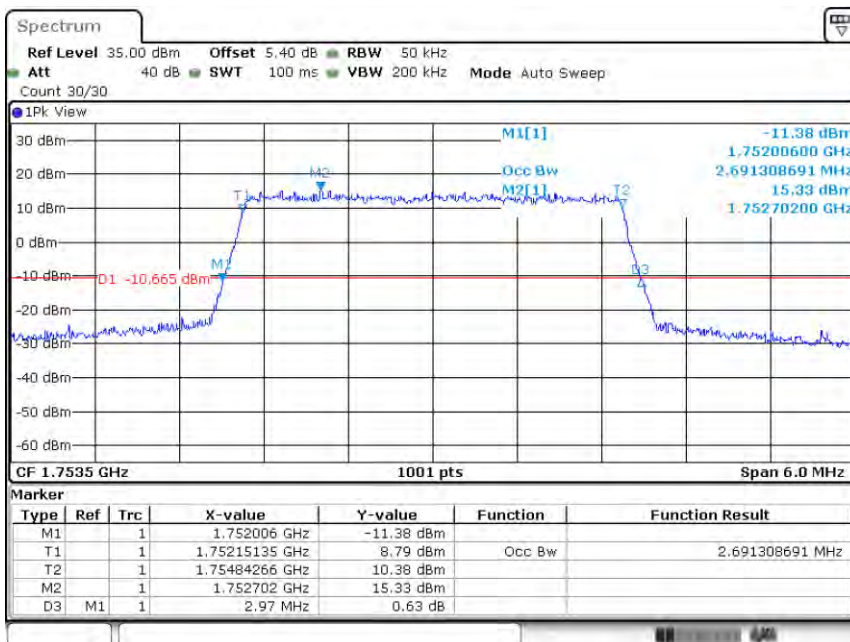
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Band4-3MHz-64QAM-20175-15RB#0-2.691



Date: 14.OCT.2020 10:37:20

Band4-3MHz-64QAM-20385-15RB#0-2.691

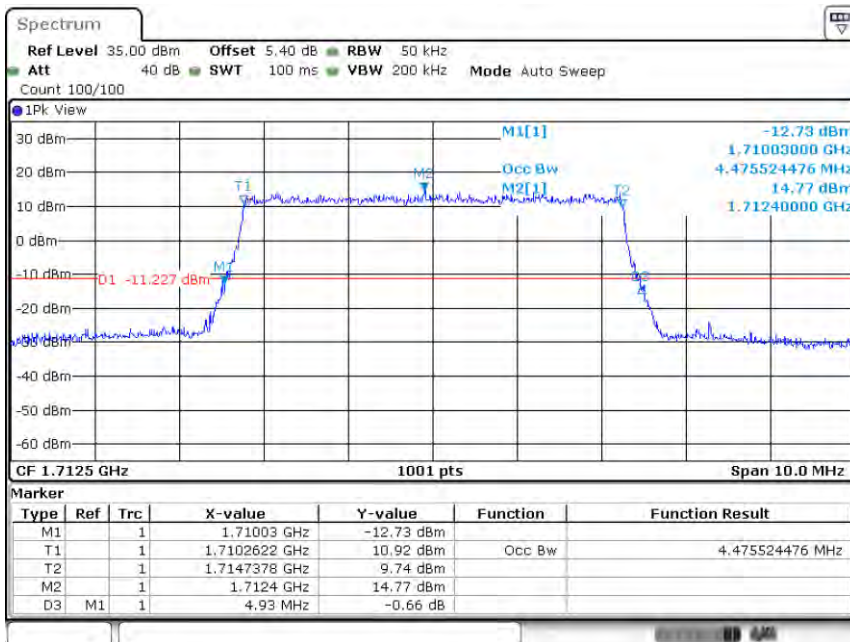


Date: 14.OCT.2020 10:37:37



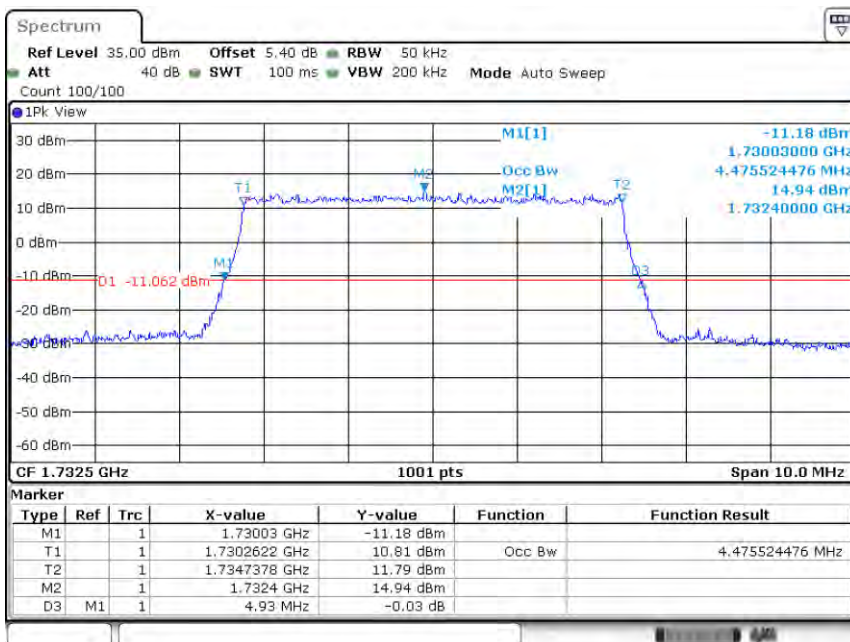
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Band4-5MHz-QPSK-19975-25RB#0-4.476



Date: 11.OCT.2020 18:59:35

Band4-5MHz-QPSK-20175-25RB#0-4.476

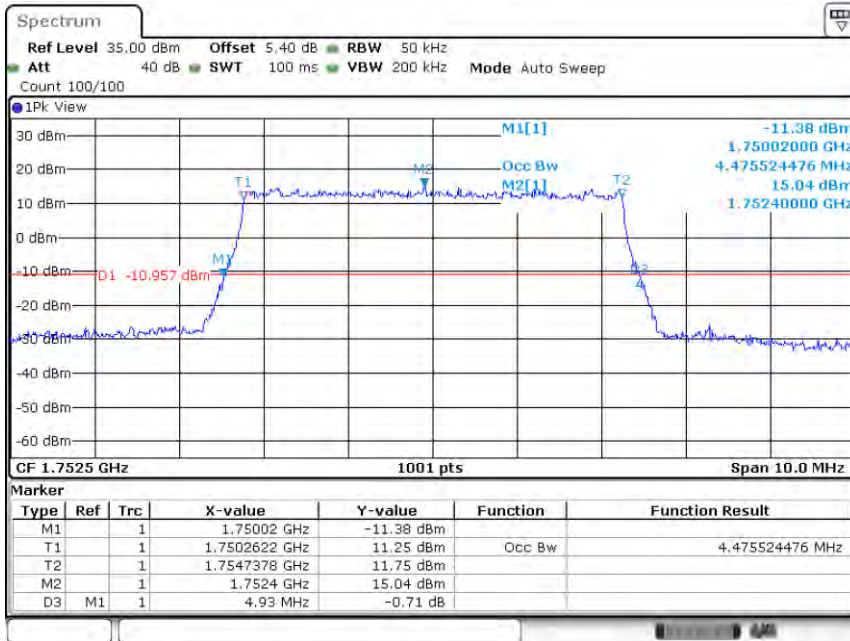


Date: 11.OCT.2020 19:00:23



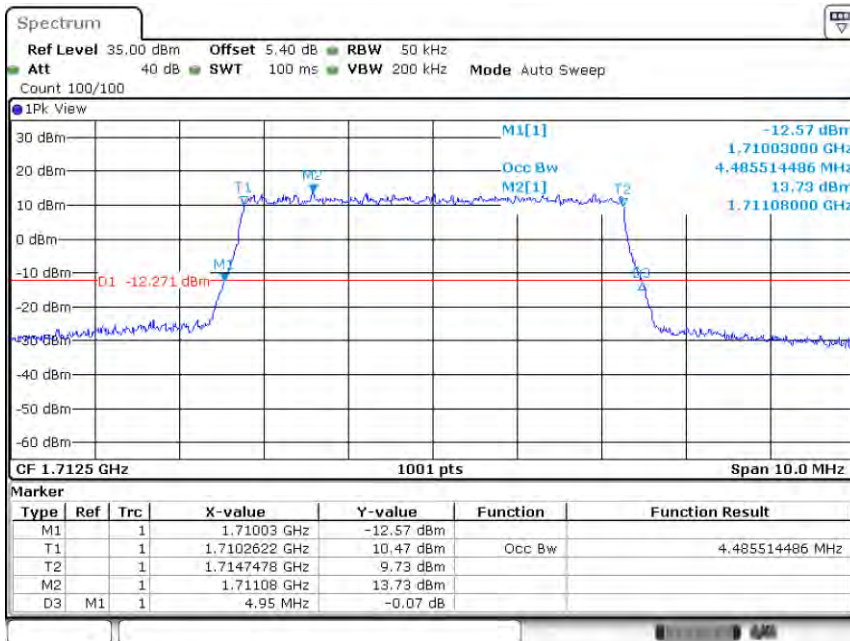
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Band4-5MHz-QPSK-20375-25RB#0-4.476



Date: 11.OCT.2020 19:01:09

Band4-5MHz-16QAM-19975-25RB#0-4.486

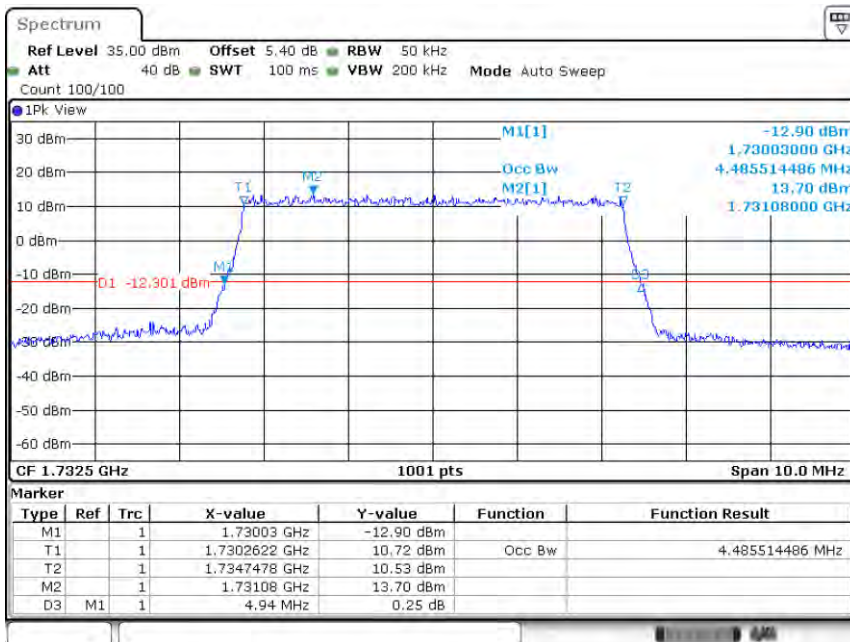


Date: 11.OCT.2020 19:00:00



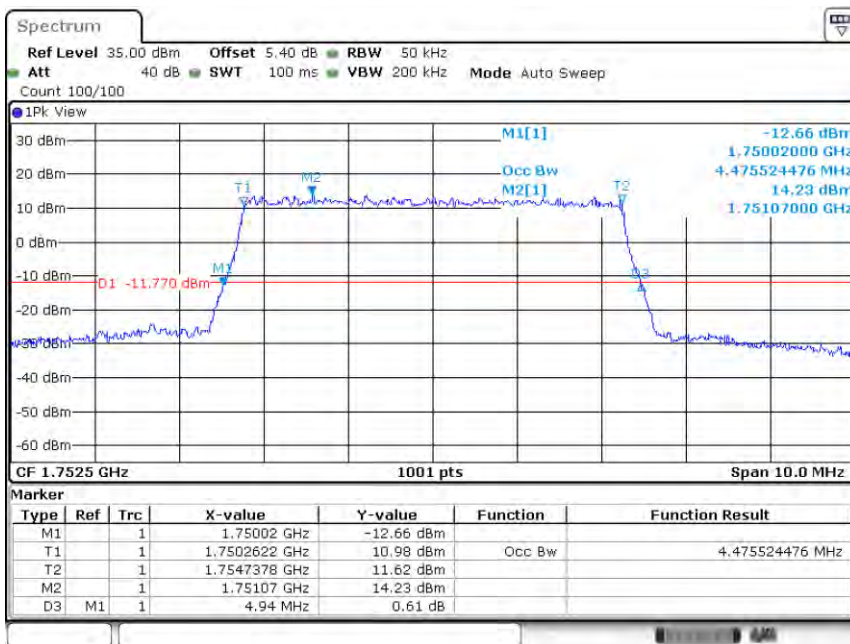
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Band4-5MHz-16QAM-20175-25RB#0-4.486



Date: 11.OCT.2020 19:00:46

Band4-5MHz-16QAM-20375-25RB#0-4.476

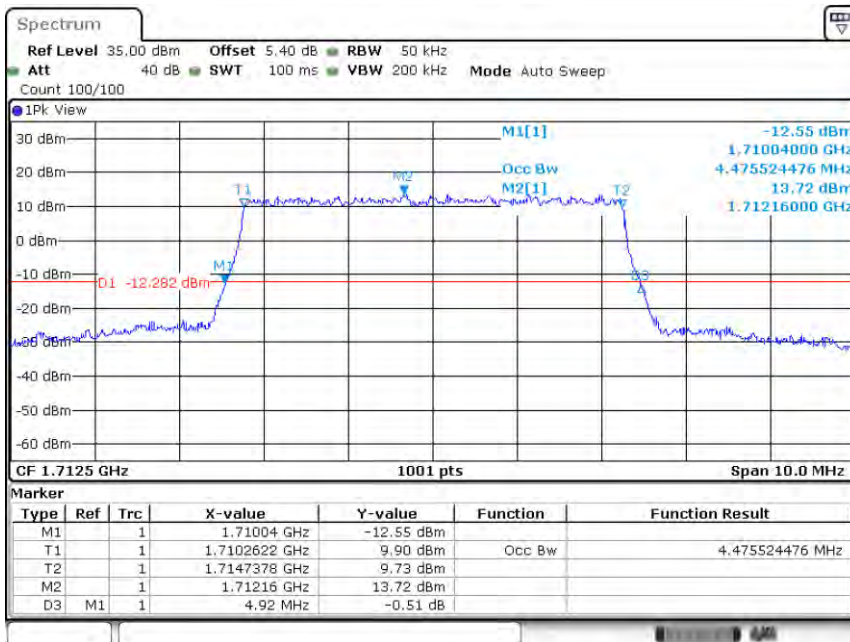


Date: 11.OCT.2020 19:01:32



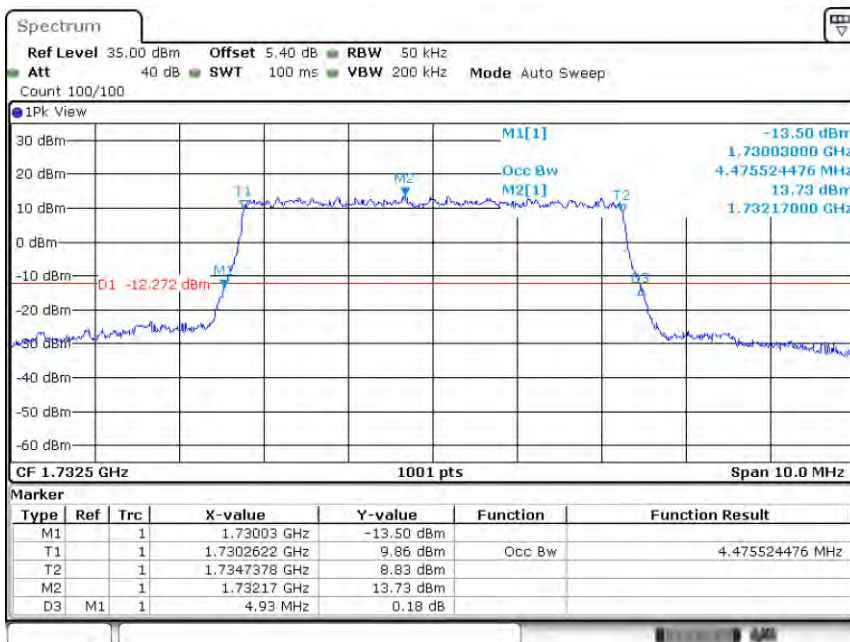
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Band4-5MHz-64QAM-19975-25RB#0-4.476



Date: 14.OCT.2020 10:38:07

Band4-5MHz-64QAM-20175-25RB#0-4.476

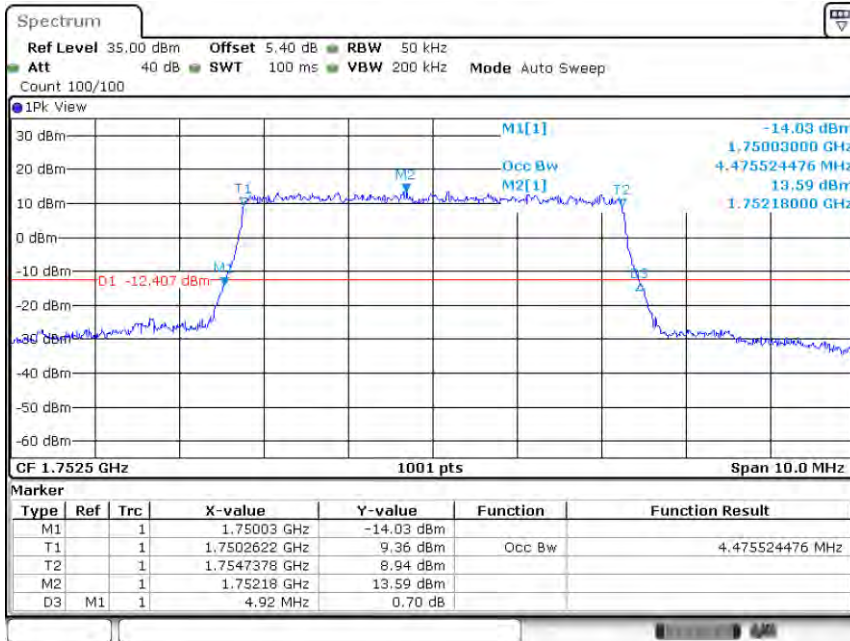


Date: 14.OCT.2020 10:38:30



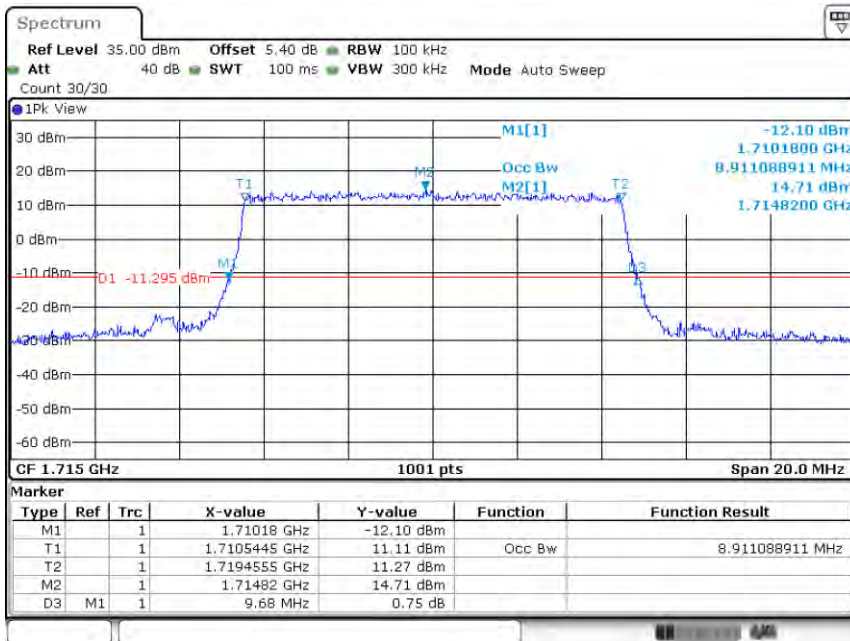
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Band4-5MHz-64QAM-20375-25RB#0-4.476



Date: 14.OCT.2020 10:38:52

Band4-10MHz-QPSK-20000-50RB#0-8.911

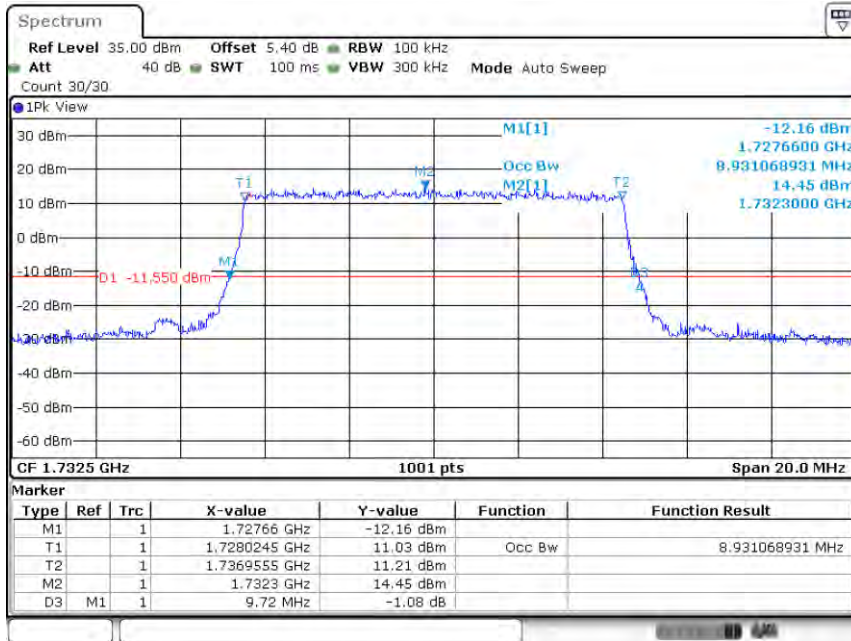


Date: 11.OCT.2020 19:01:53



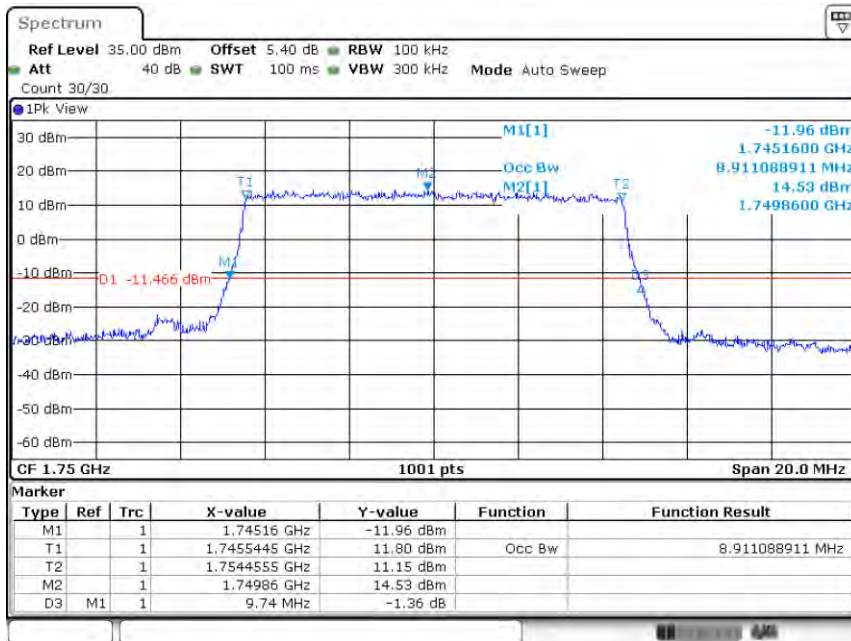
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Band4-10MHz-QPSK-20175-50RB#0-8.931



Date: 11.OCT.2020 19:02:25

Band4-10MHz-QPSK-20350-50RB#0-8.911

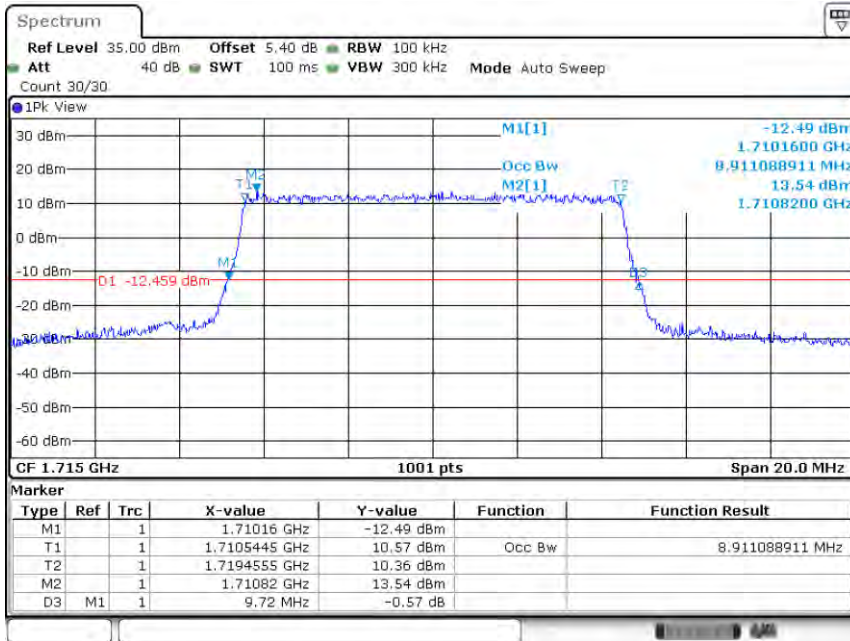


Date: 11.OCT.2020 19:02:57



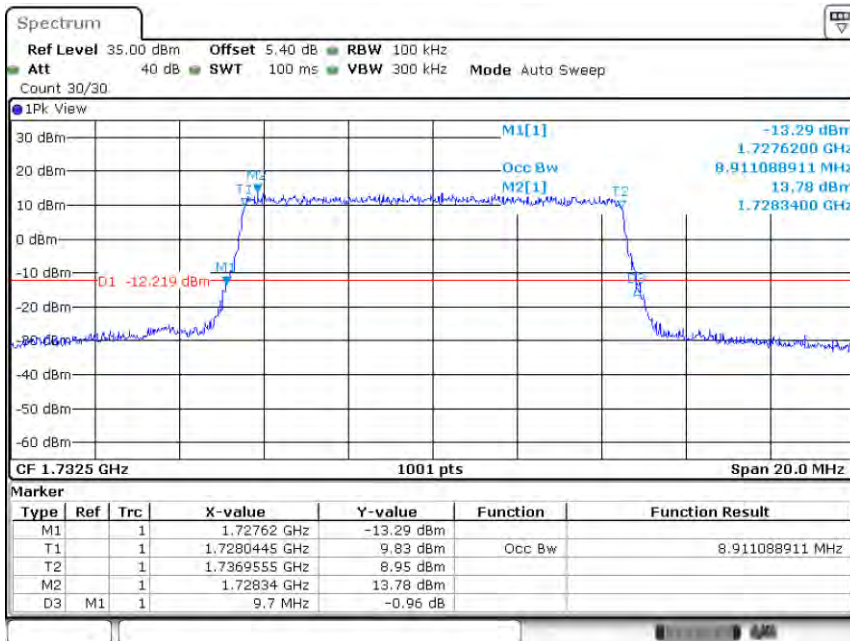
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Band4-10MHz-16QAM-20000-50RB#0-8.911



Date: 11.OCT.2020 19:02:09

Band4-10MHz-16QAM-20175-50RB#0-8.911

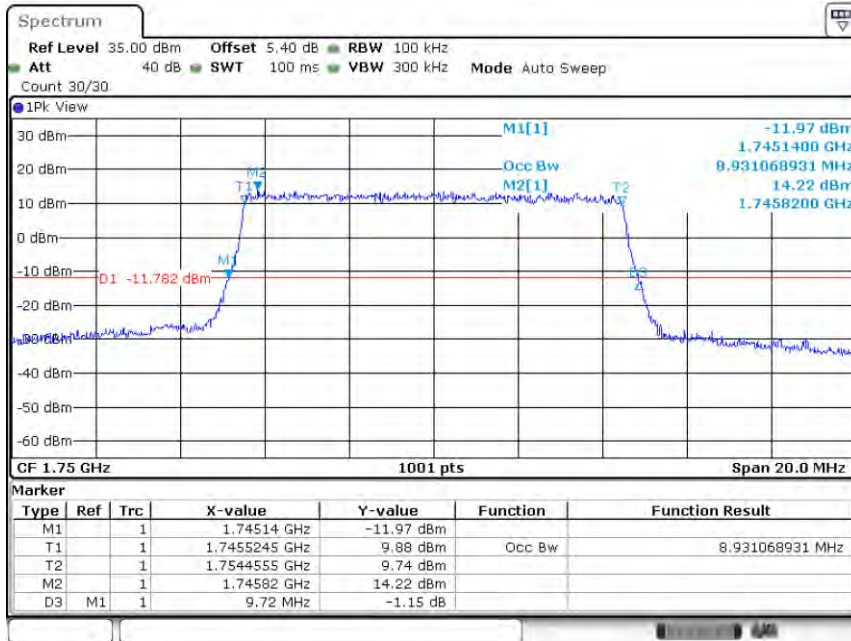


Date: 11.OCT.2020 19:02:41



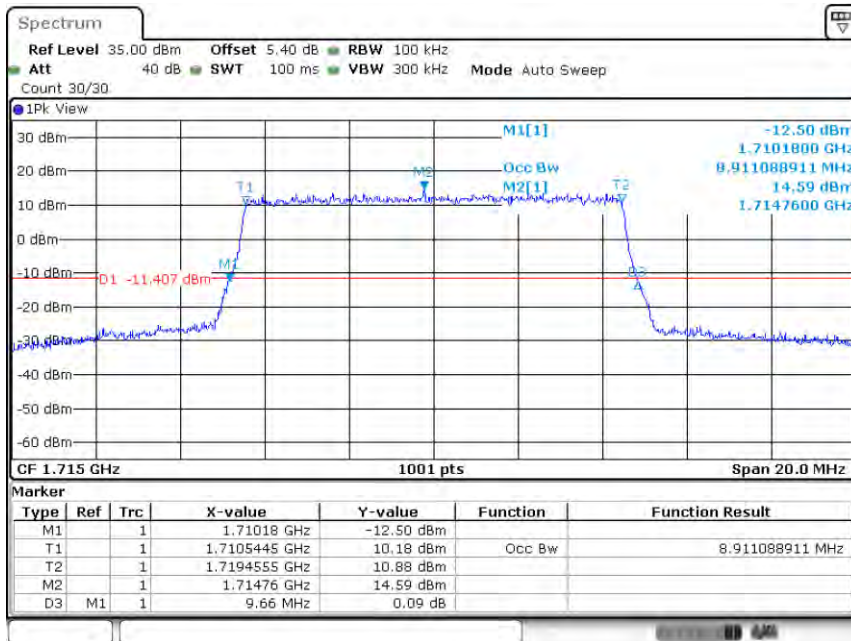
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Band4-10MHz-16QAM-20350-50RB#0-8.931



Date: 11.OCT.2020 19:03:12

Band4-10MHz-64QAM-20000-50RB#0-8.911

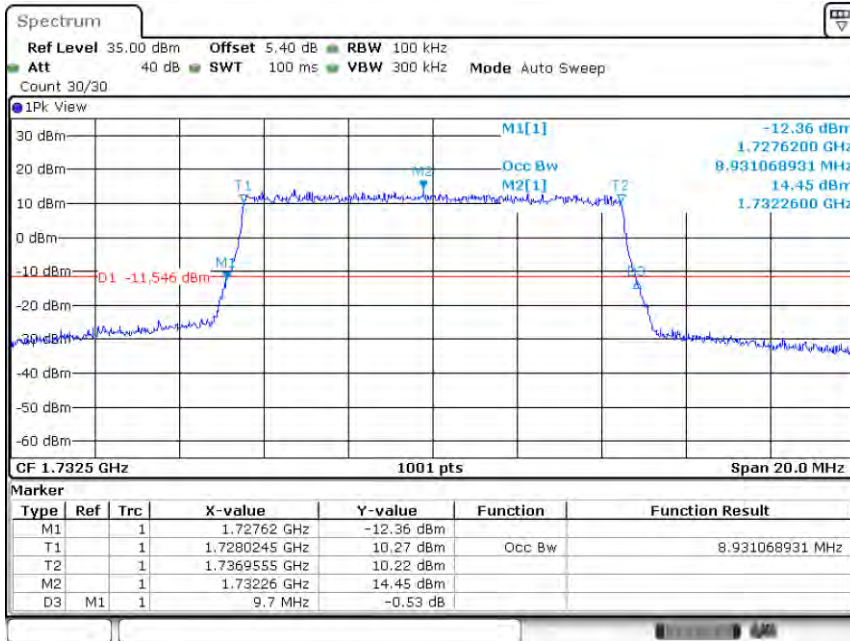


Date: 14.OCT.2020 10:39:15



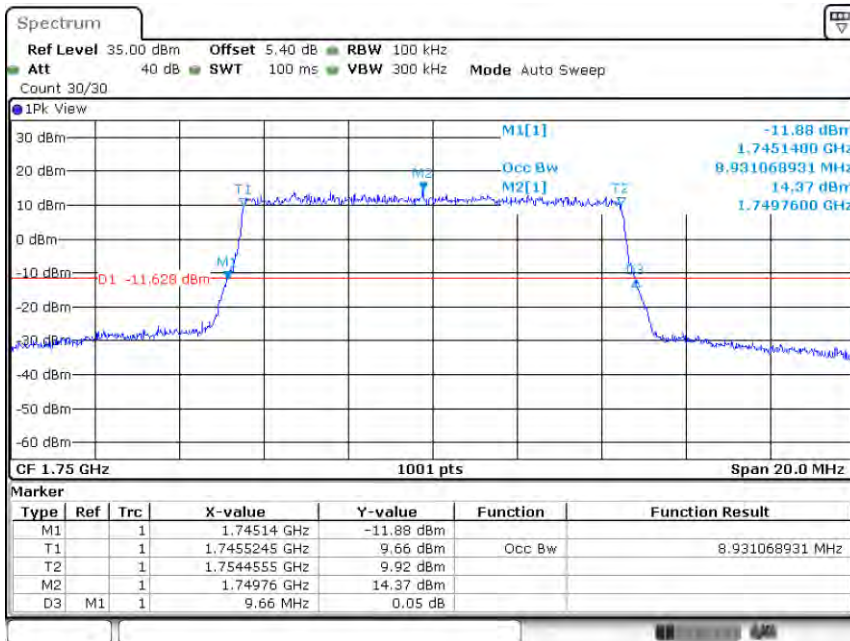
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Band4-10MHz-64QAM-20175-50RB#0-8.931



Date: 14.OCT.2020 10:39:31

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



Date: 14.OCT.2020 10:39:47

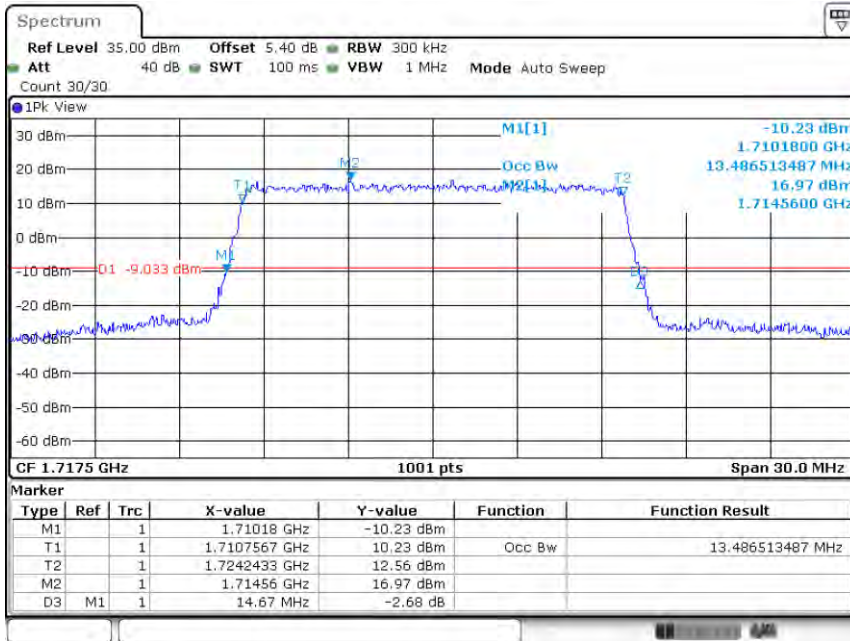


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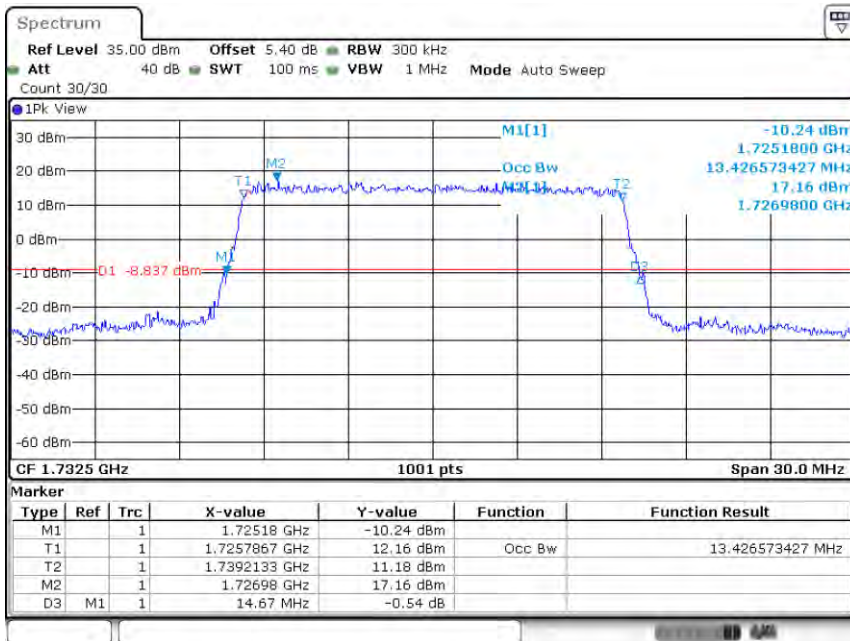
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Band4-15MHz-QPSK-20025-75RB#0-13.487



Date: 11.OCT.2020 19:03:33

Band4-15MHz-QPSK-20175-75RB#0-13.427

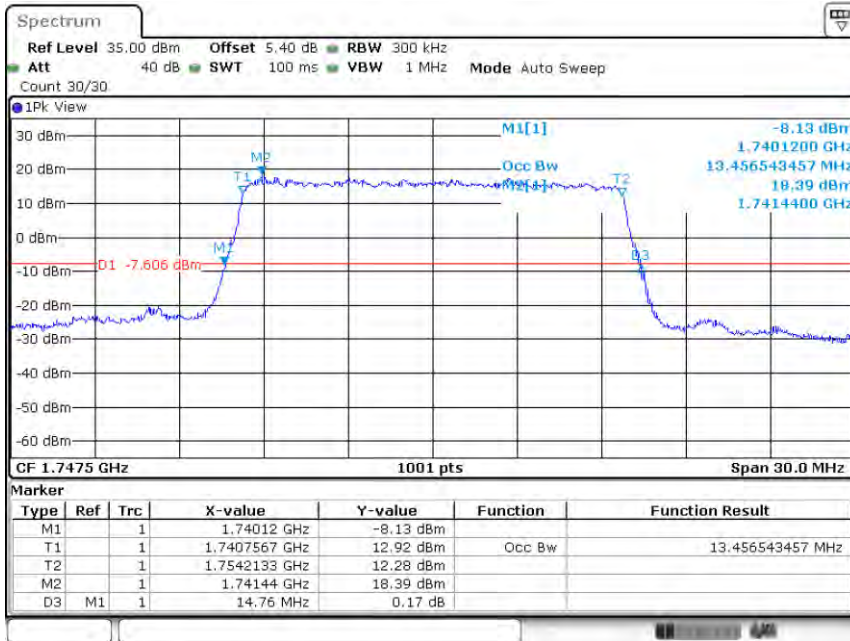


Date: 11.OCT.2020 19:04:05



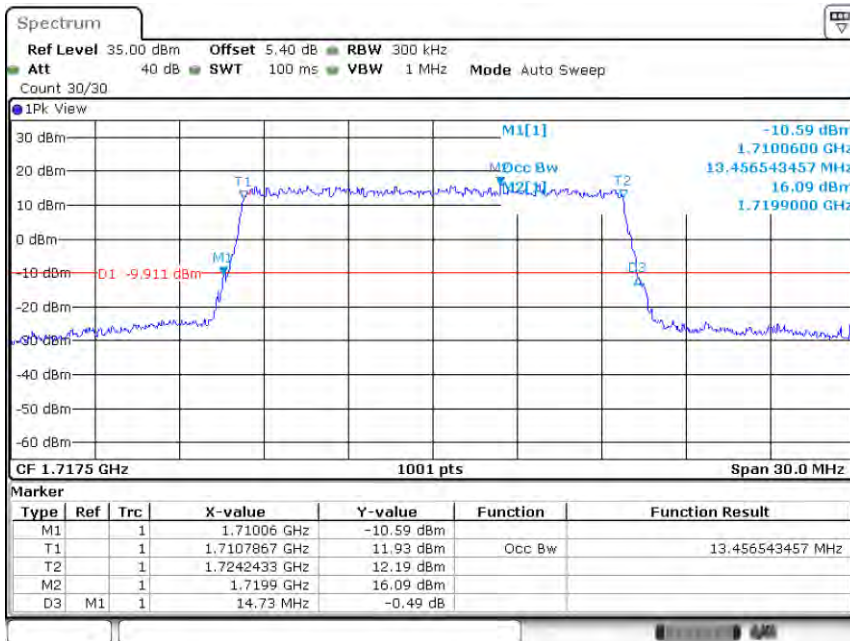
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Band4-15MHz-QPSK-20325-75RB#0-13.457



Date: 11.OCT.2020 19:04:37

Band4-15MHz-16QAM-20025-75RB#0-13.457

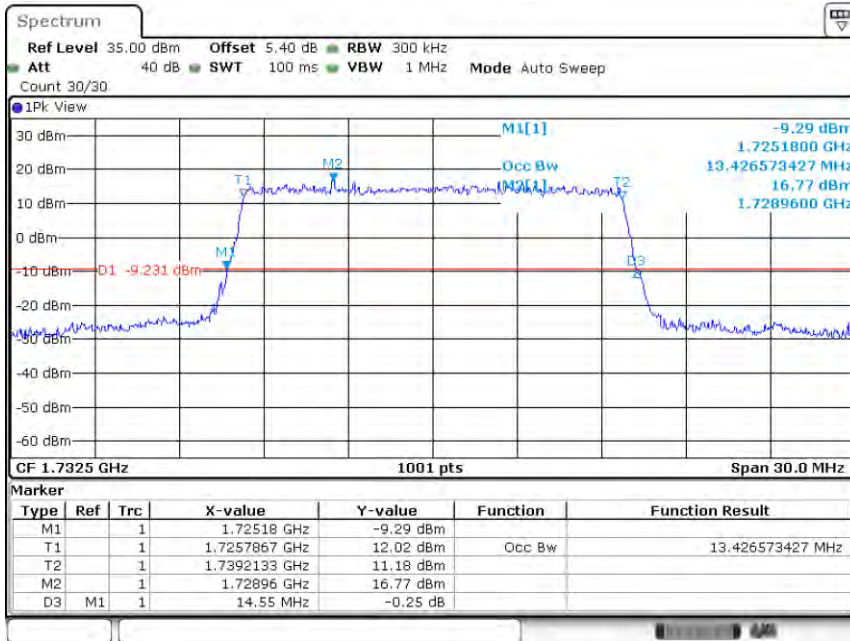


Date: 11.OCT.2020 19:03:49



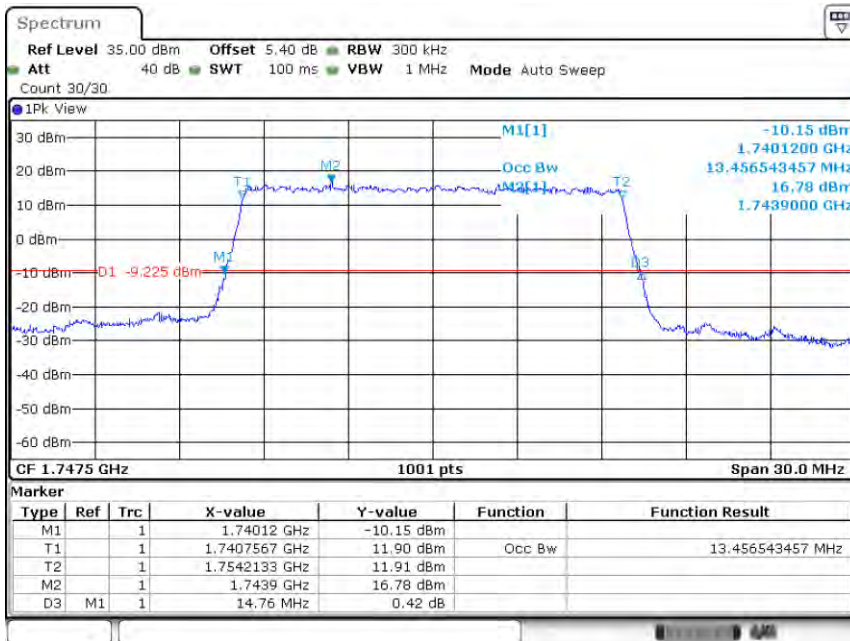
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Band4-15MHz-16QAM-20175-75RB#0-13.427



Date: 11.OCT.2020 19:04:21

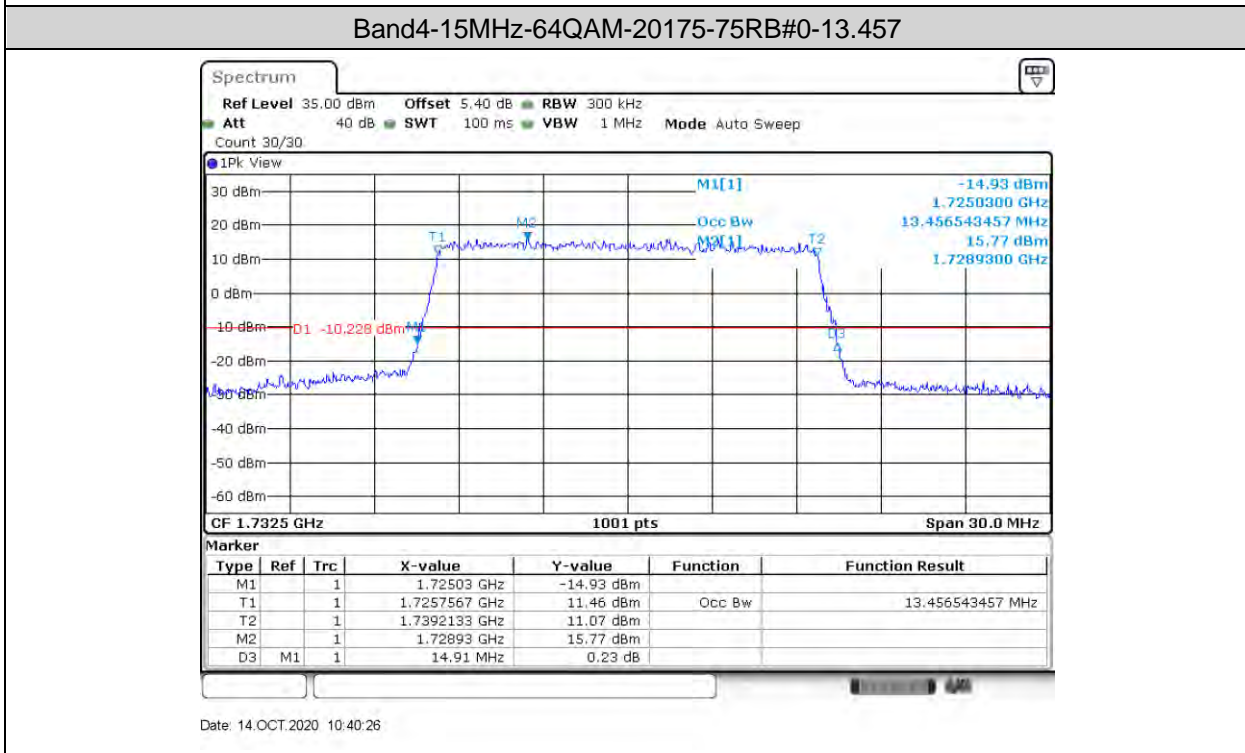
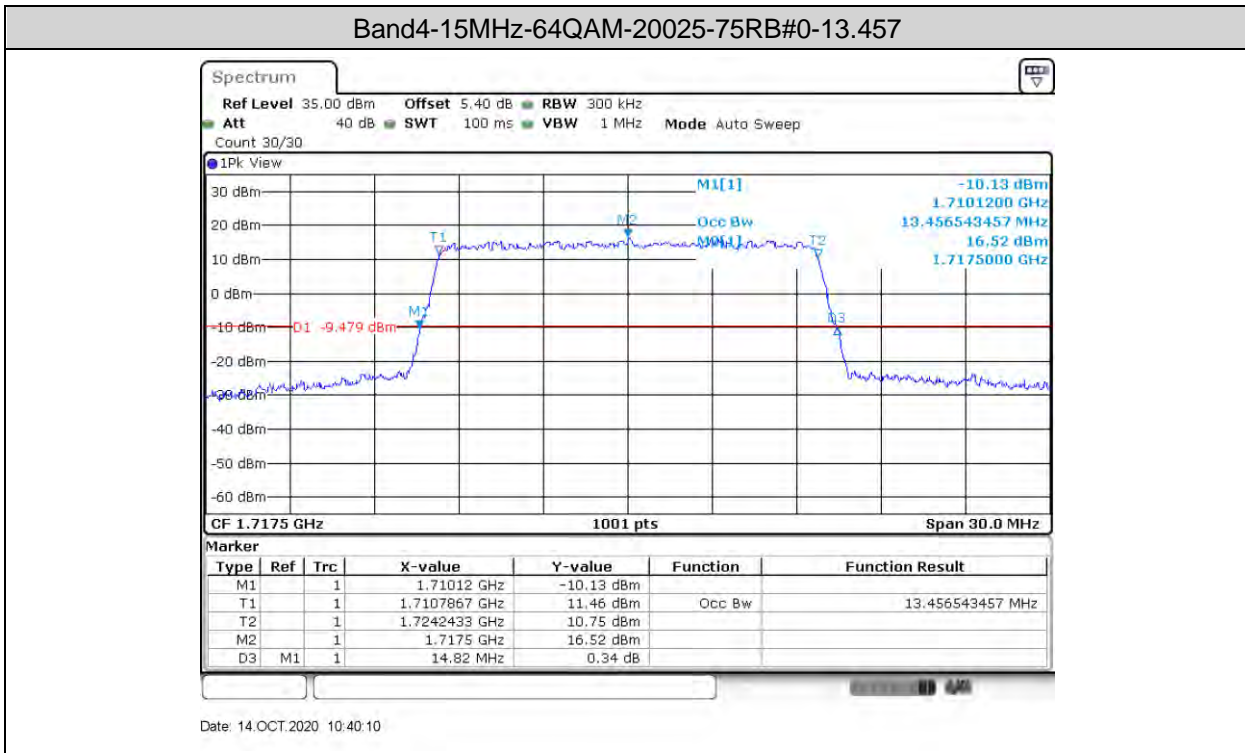
Band4-15MHz-16QAM-20325-75RB#0-13.457



Date: 11.OCT.2020 19:04:53



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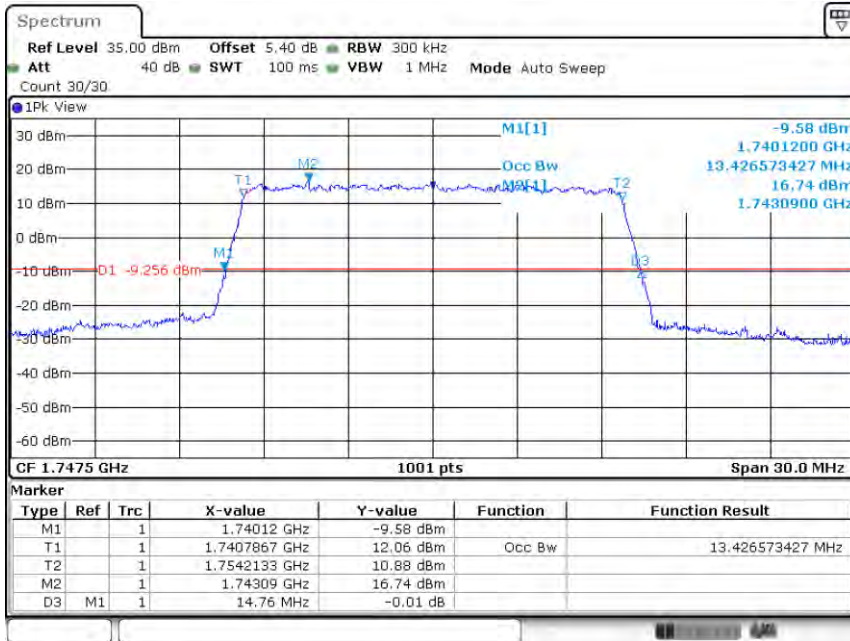


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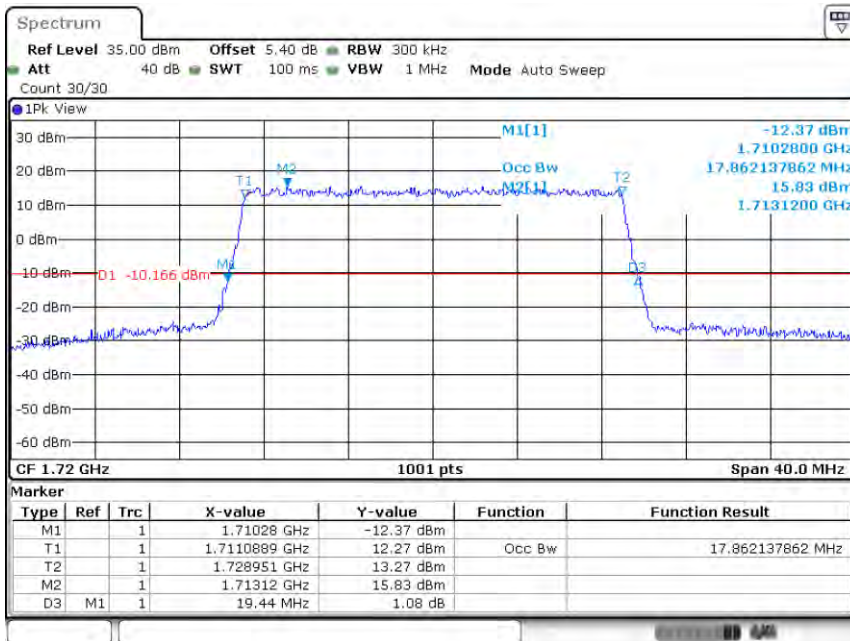
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Band4-15MHz-64QAM-20325-75RB#0-13.427



Date: 14.OCT.2020 10:40:42

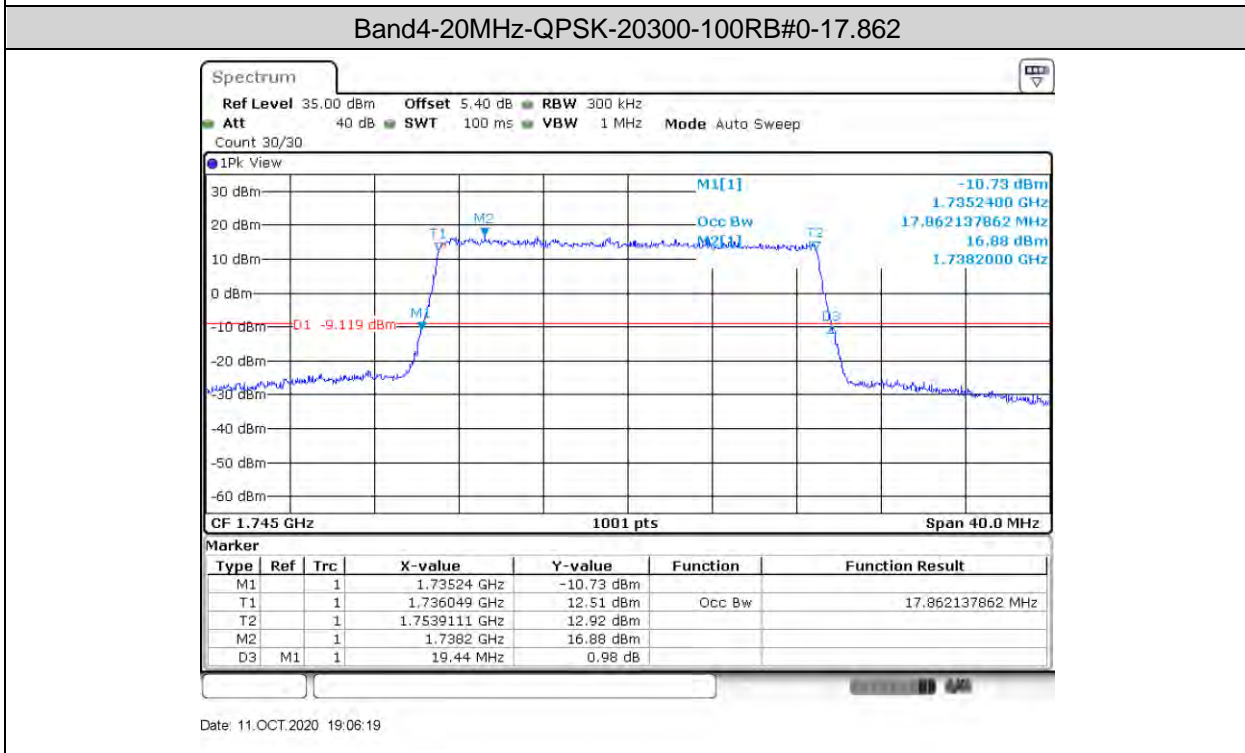
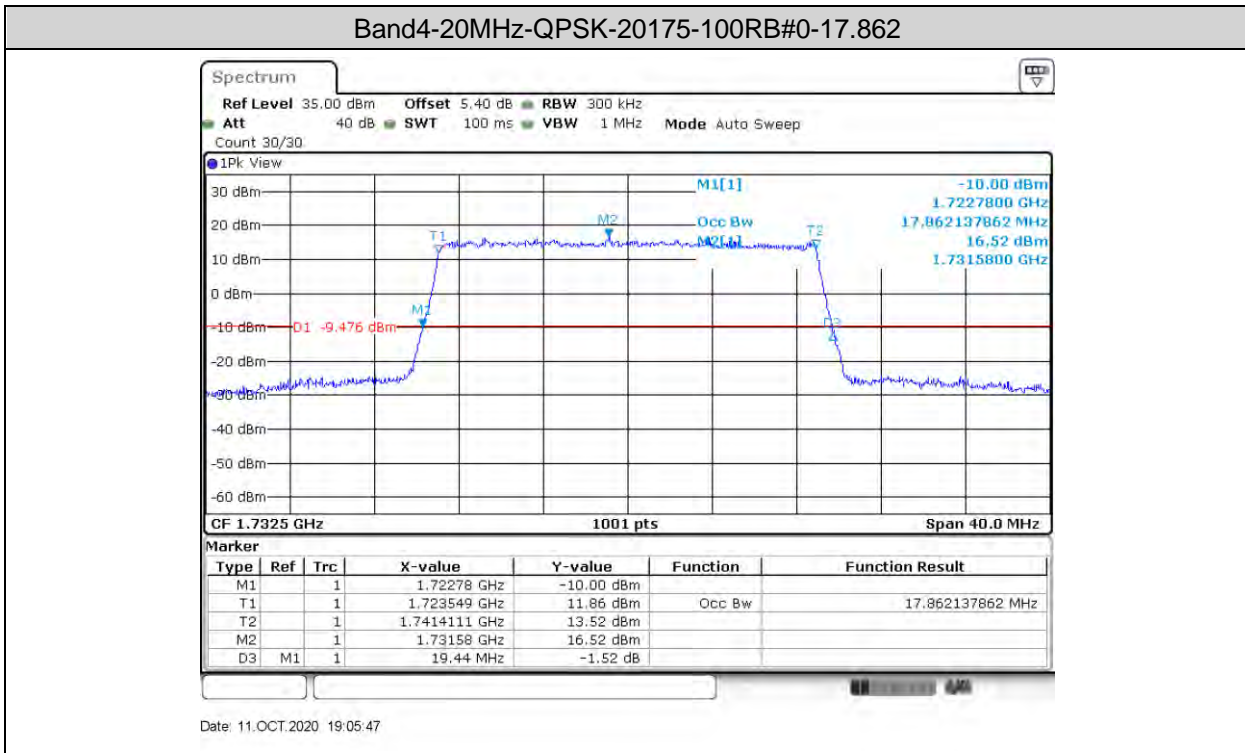
Band4-20MHz-QPSK-20050-100RB#0-17.862



Date: 11.OCT.2020 19:05:15



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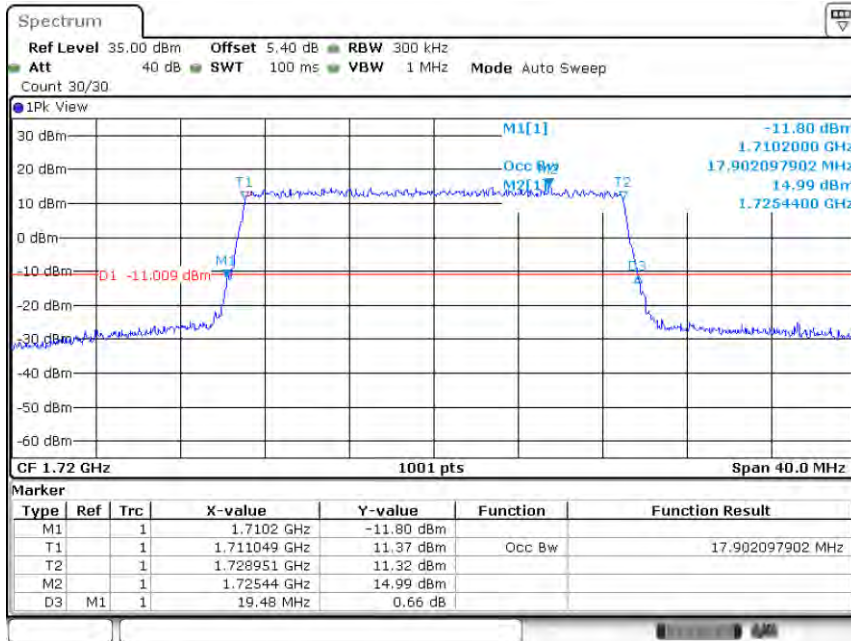


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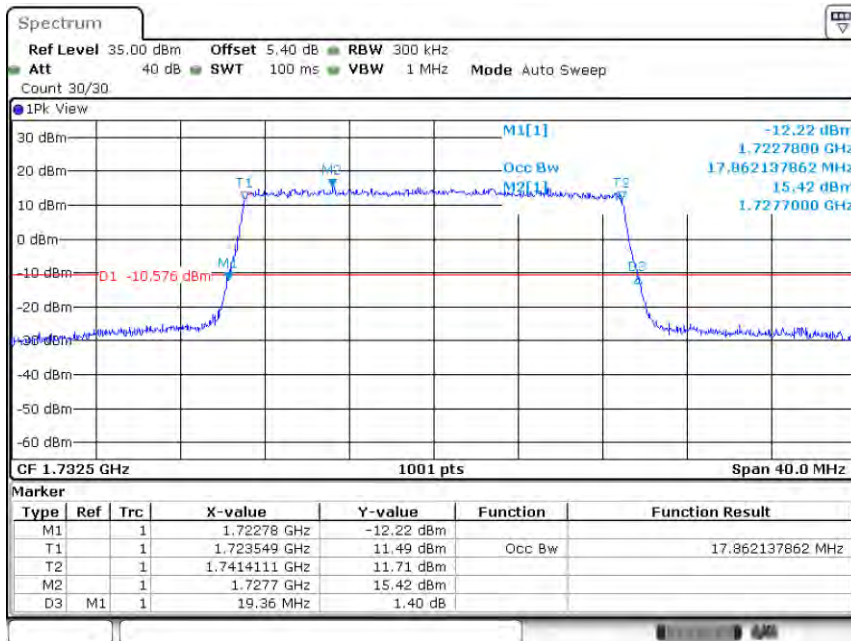
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Band4-20MHz-16QAM-20050-100RB#0-17.902



Date: 11.OCT.2020 19:05:31

Band4-20MHz-16QAM-20175-100RB#0-17.862



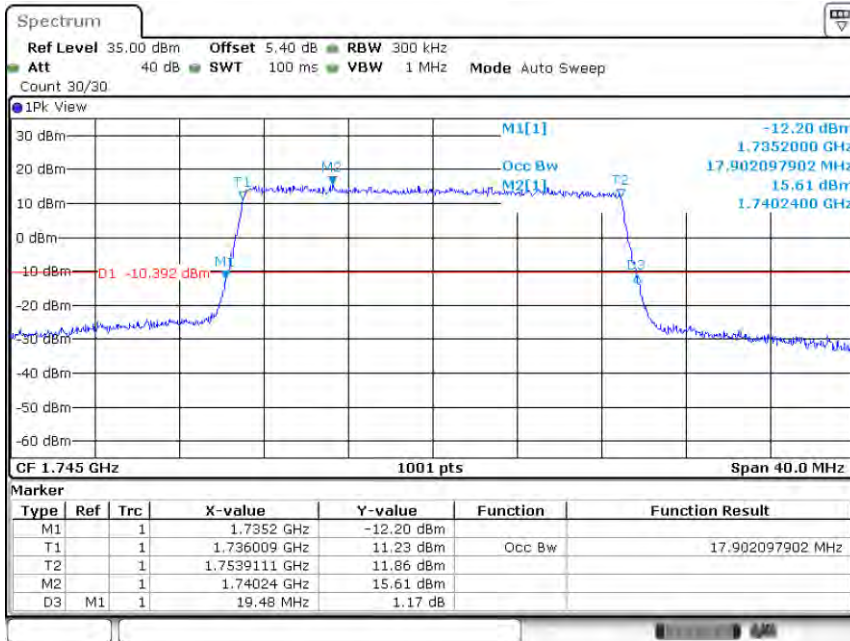
Date: 11.OCT.2020 19:06:02



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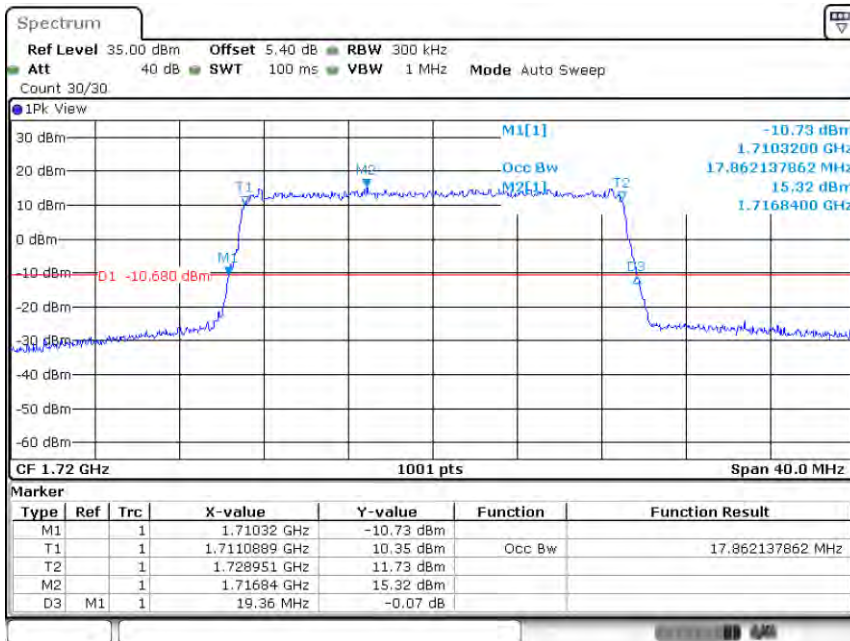
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Band4-20MHz-16QAM-20300-100RB#0-17.902



Date: 11.OCT.2020 19:06:34

Band4-20MHz-64QAM-20050-100RB#0-17.862



Date: 14.OCT.2020 10:41:05

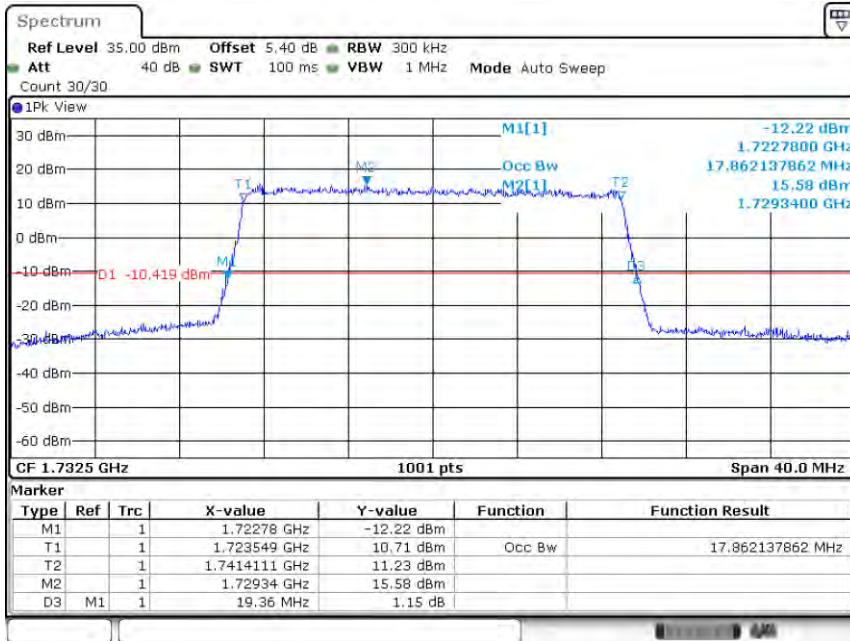


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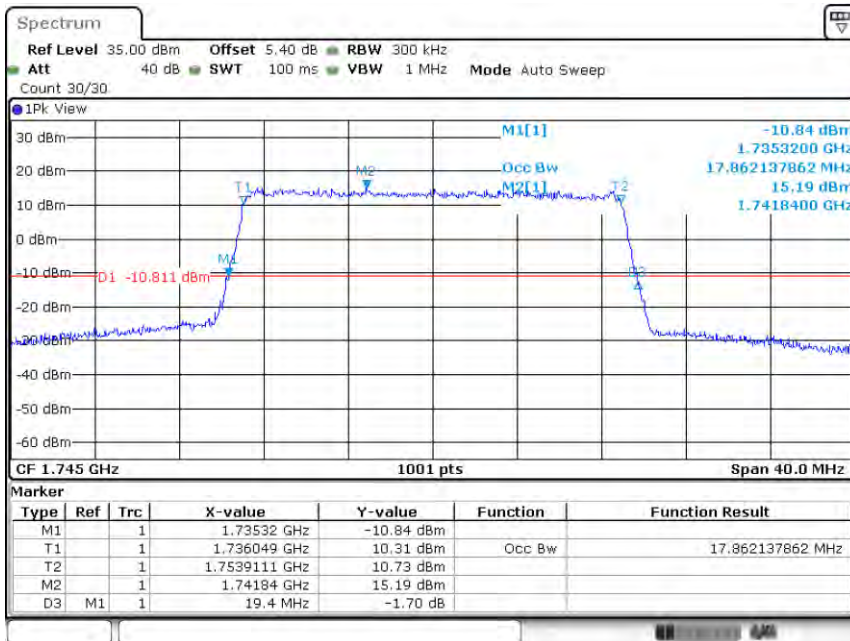
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Band4-20MHz-64QAM-20175-100RB#0-17.862



Date: 14.OCT.2020 10:41:21

Band4-20MHz-64QAM-20300-100RB#0-17.862



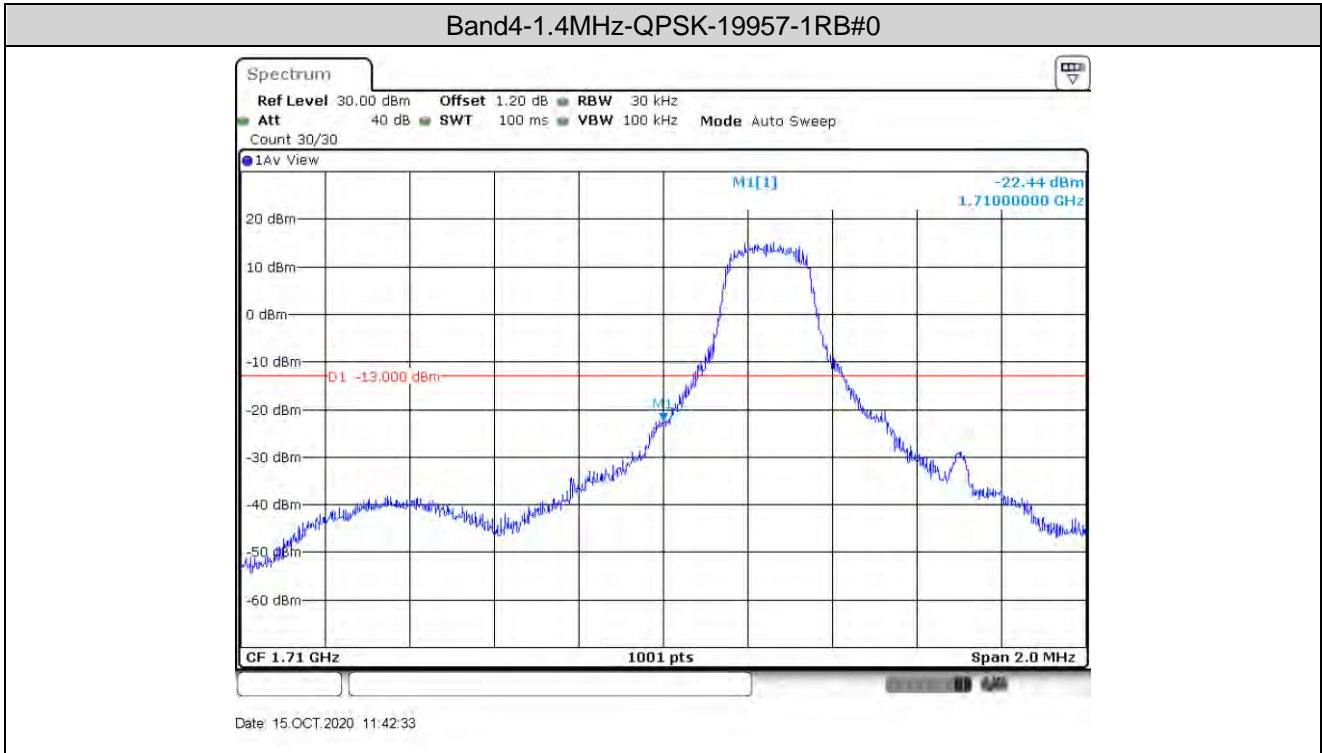
Date: 14.OCT.2020 10:41:37



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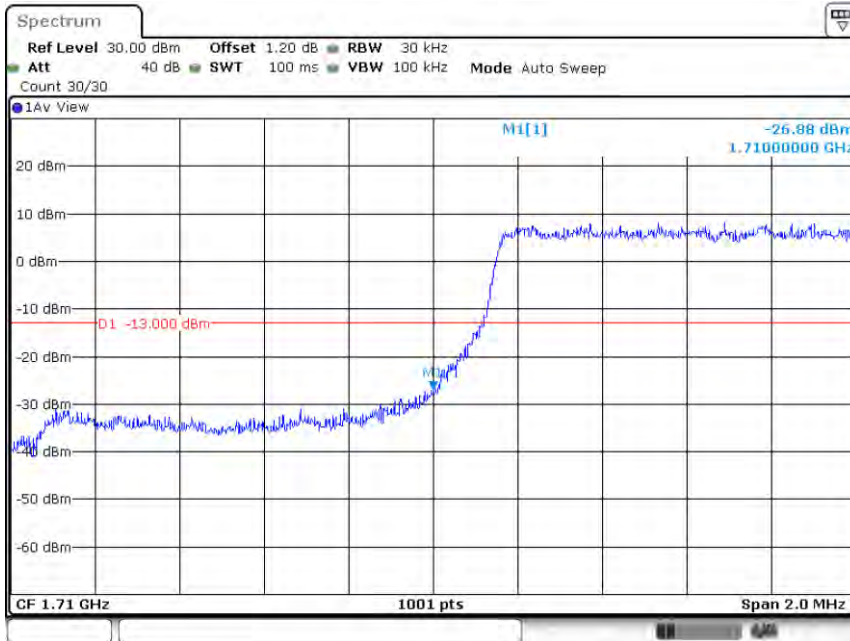
5 Band Edge Compliance

5.1 Test Plots



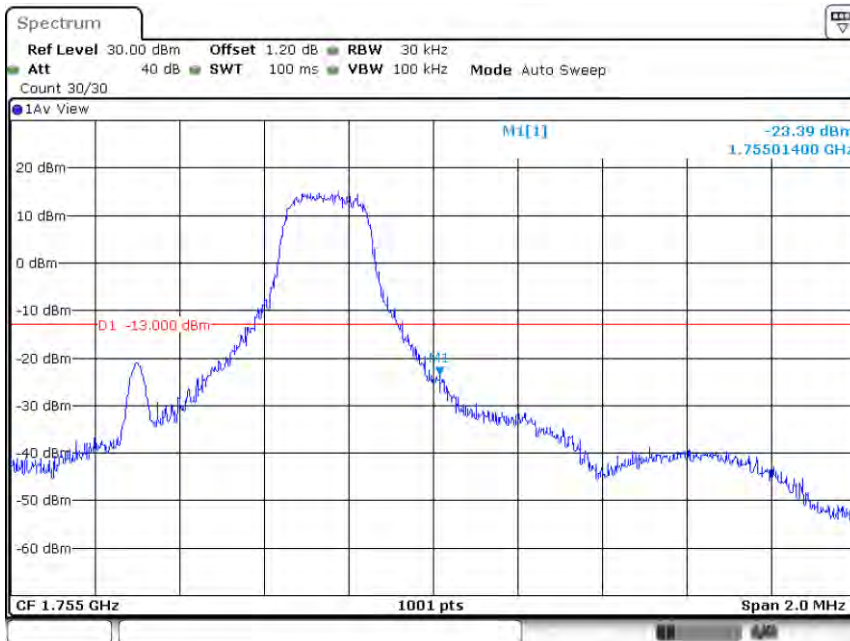
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Band4-1.4MHz-QPSK-19957-6RB#0



Date: 15.OCT.2020 11:43:06

Band4-1.4MHz-QPSK-20393-1RB#5

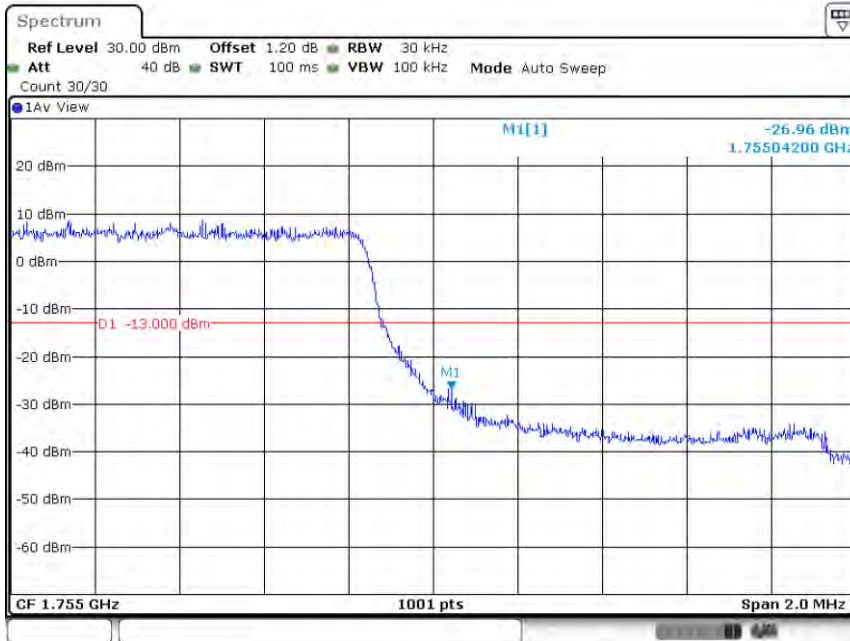


Date: 15.OCT.2020 11:43:47



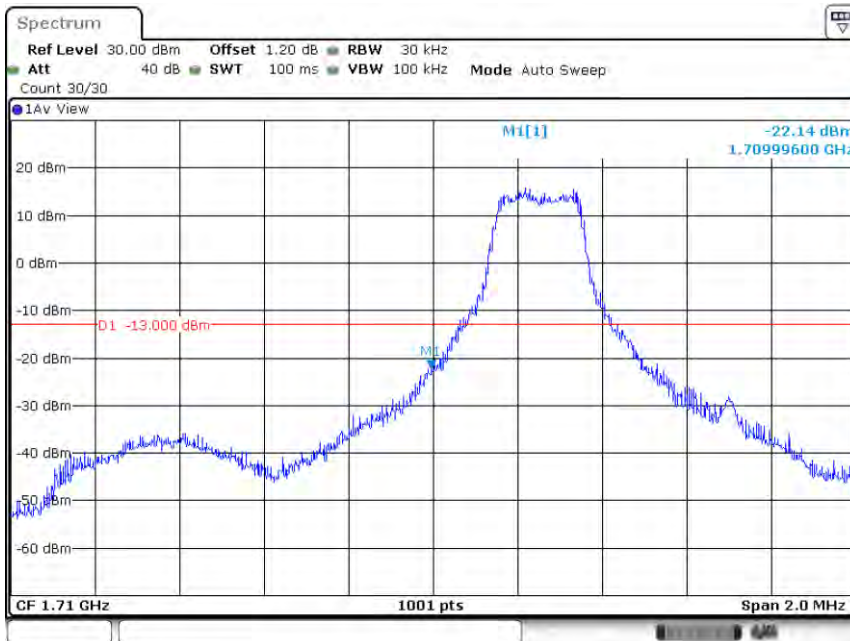
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Band4-1.4MHz-QPSK-20393-6RB#0



Date: 15.OCT.2020 11:44:20

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



Date: 15.OCT.2020 11:42:50

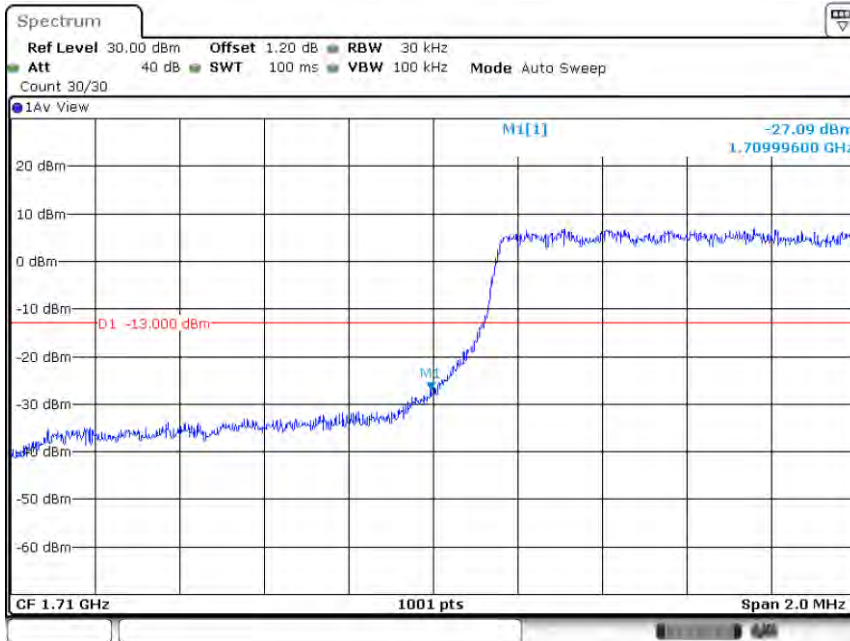


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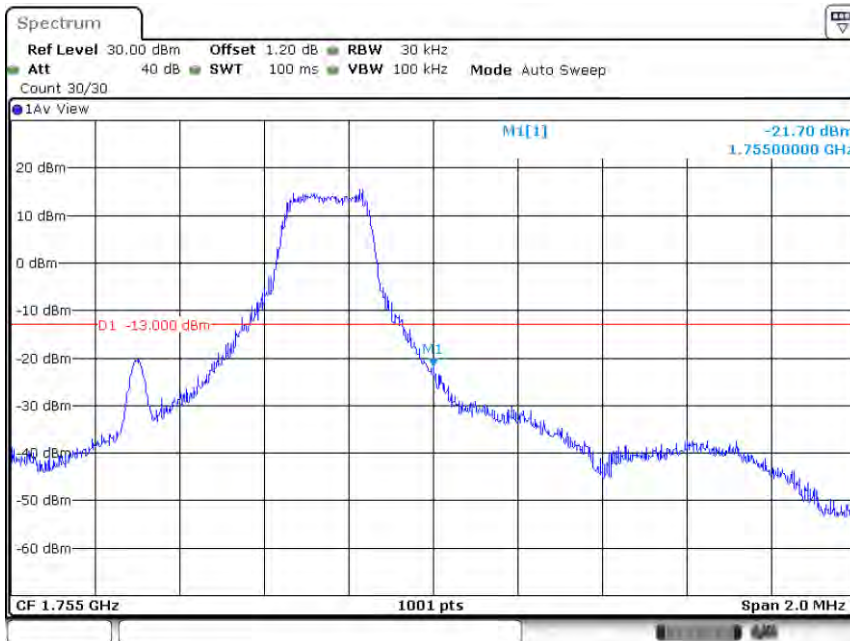
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Band4-1.4MHz-16QAM-19957-6RB#0



Date: 15.OCT.2020 11:43:23

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

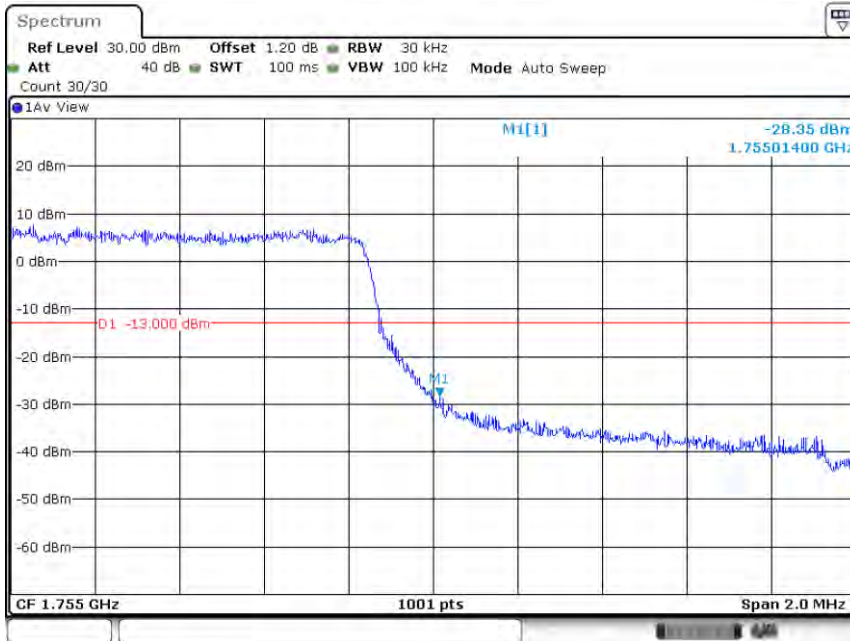


Date: 15.OCT.2020 11:44:04



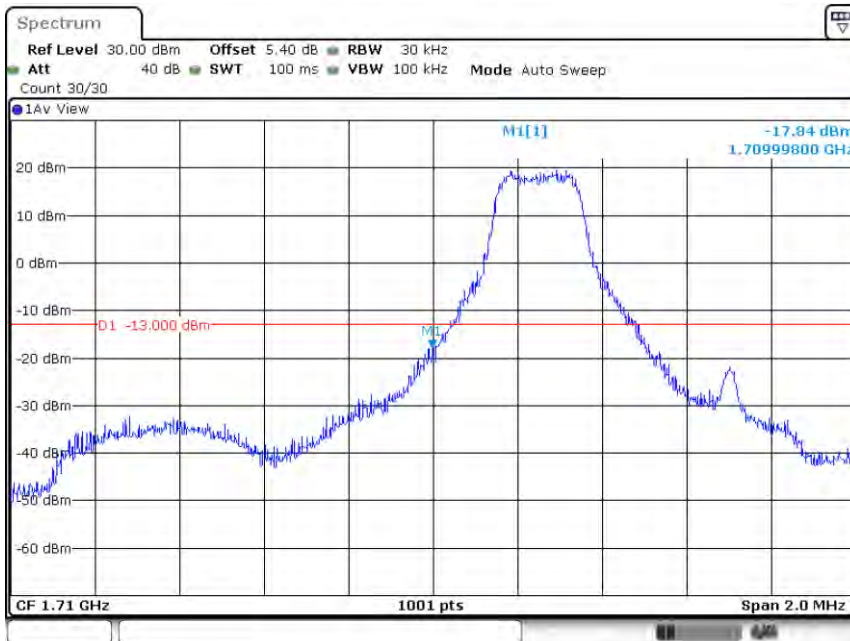
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Band4-1.4MHz-16QAM-20393-6RB#0



Date: 15.OCT.2020 11:44:36

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



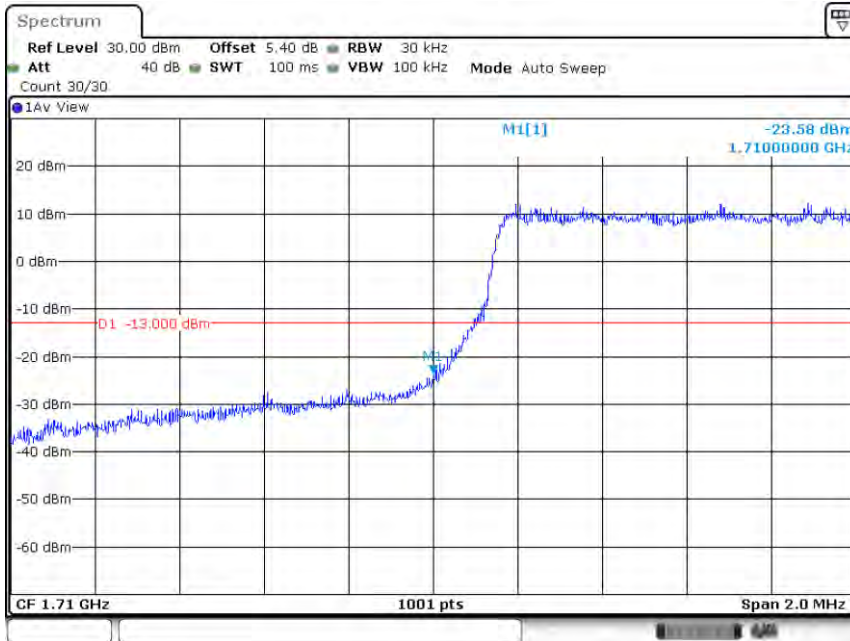
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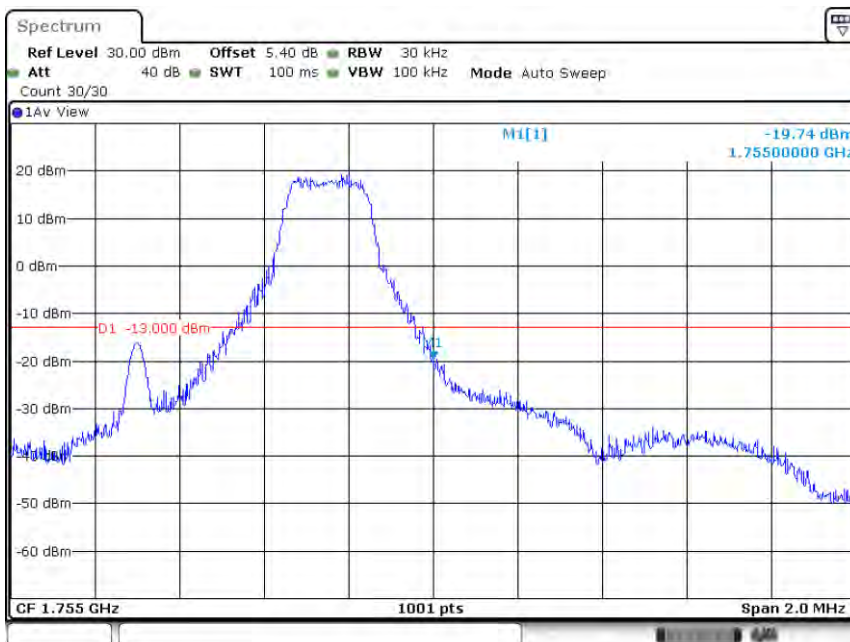
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Band4-1.4MHz-64QAM-19957-6RB#0



Date: 14.OCT.2020 10:42:21

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



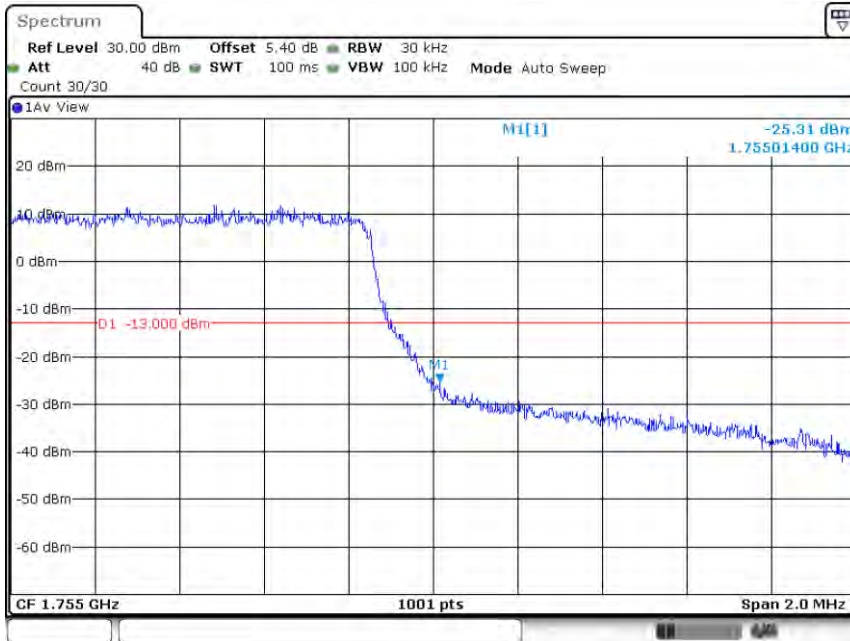
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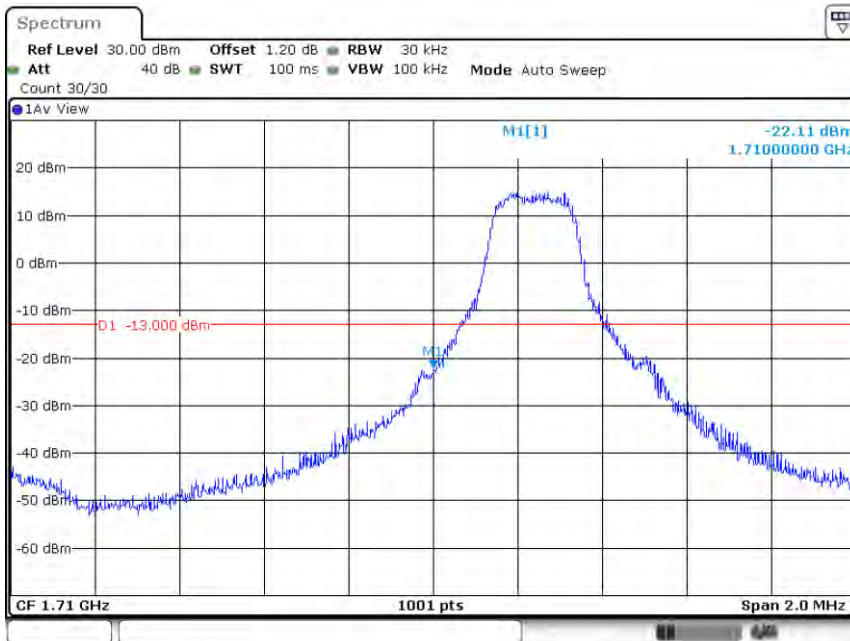
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Band4-1.4MHz-64QAM-20393-6RB#0



Date: 14.OCT.2020 10:43:03

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



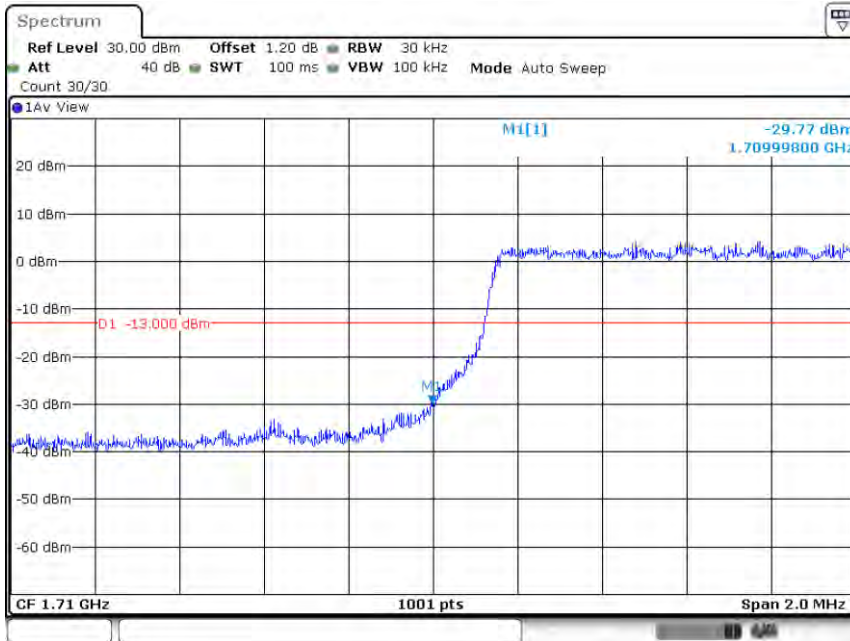
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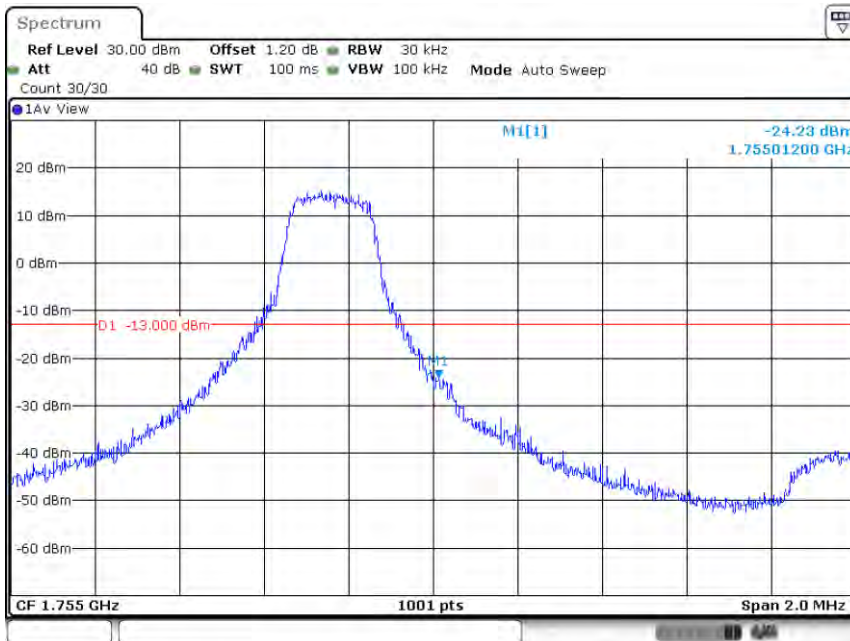
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Band4-3MHz-QPSK-19965-15RB#0



Date: 15.OCT.2020 11:45:35

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

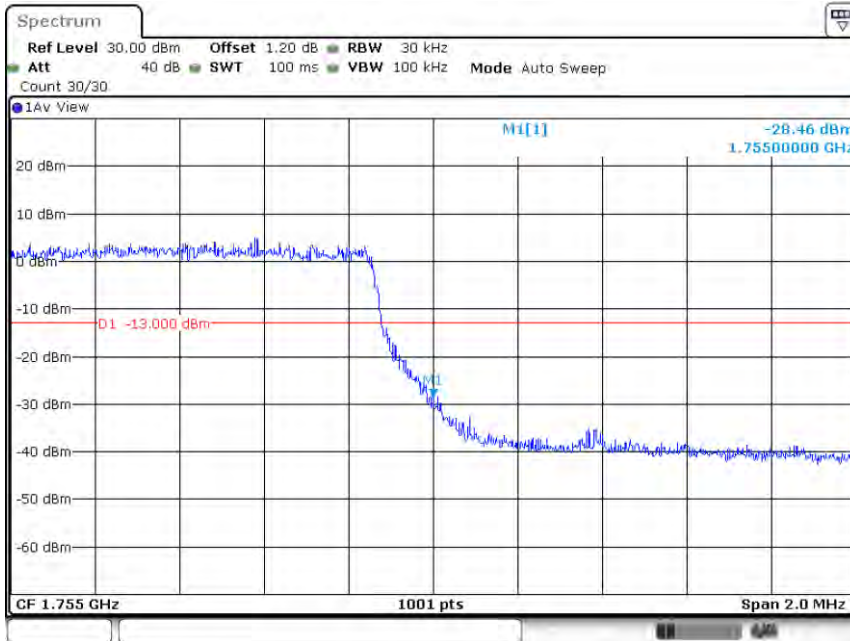


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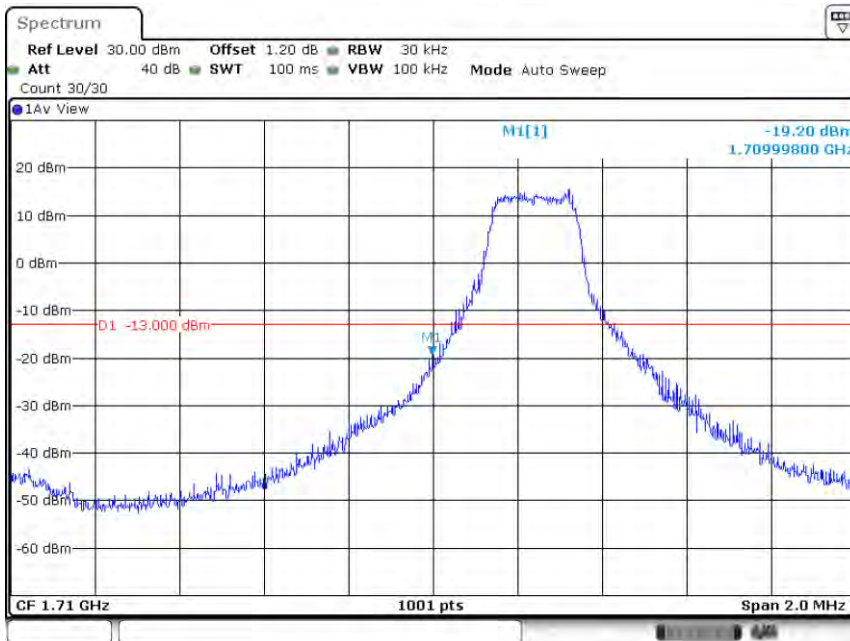
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Band4-3MHz-QPSK-20385-15RB#0



Date: 15.OCT.2020 11:46:49

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



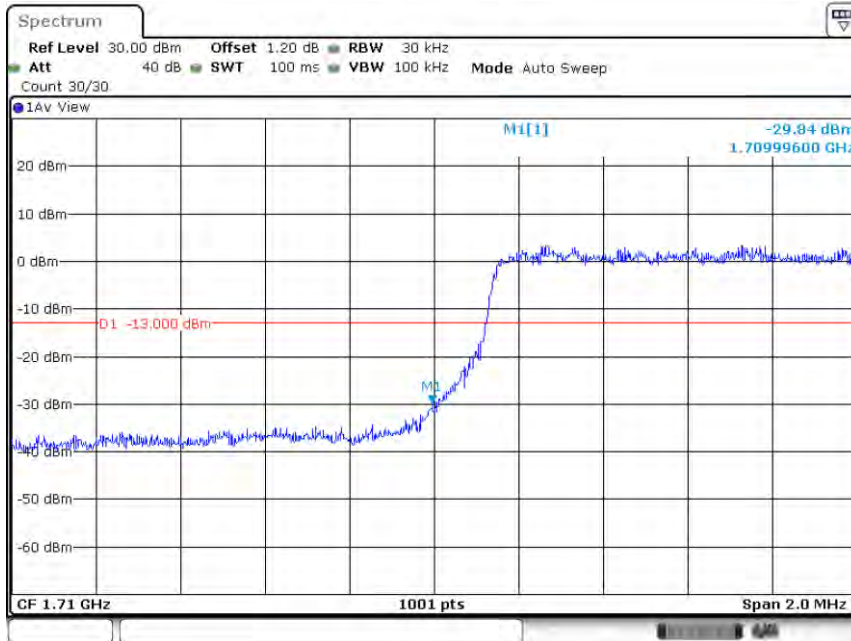
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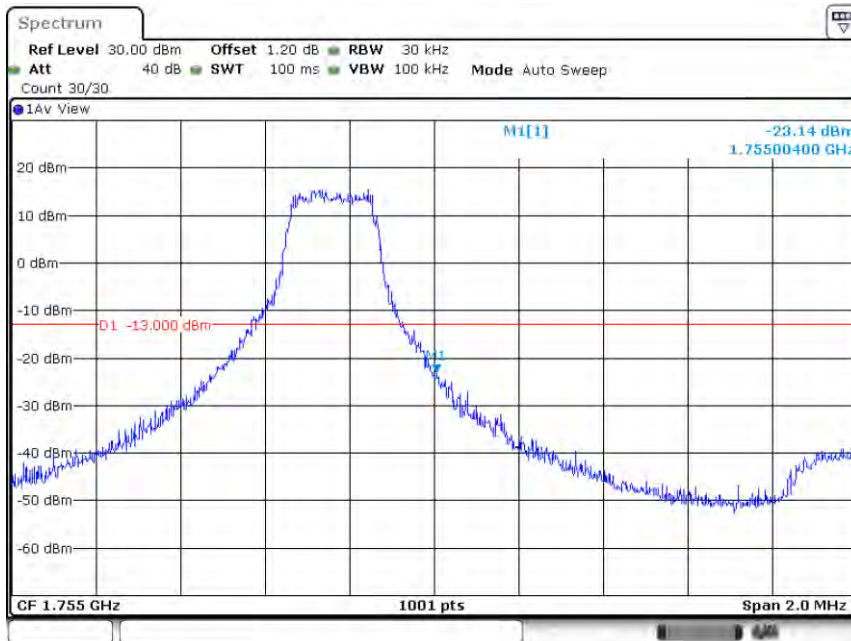
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Band4-3MHz-16QAM-19965-15RB#0



Date: 15.OCT.2020 11:45:52

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

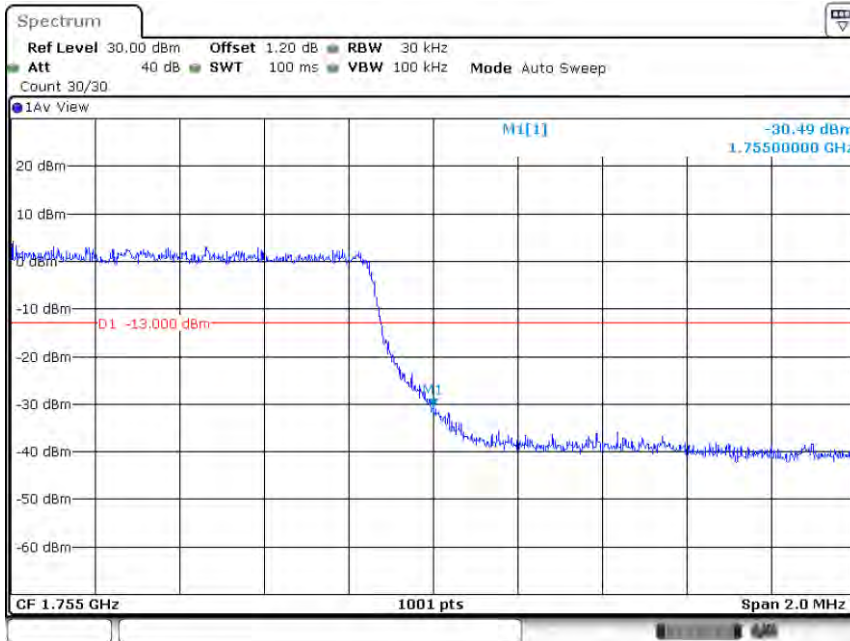


Date: 15.OCT.2020 11:46:33



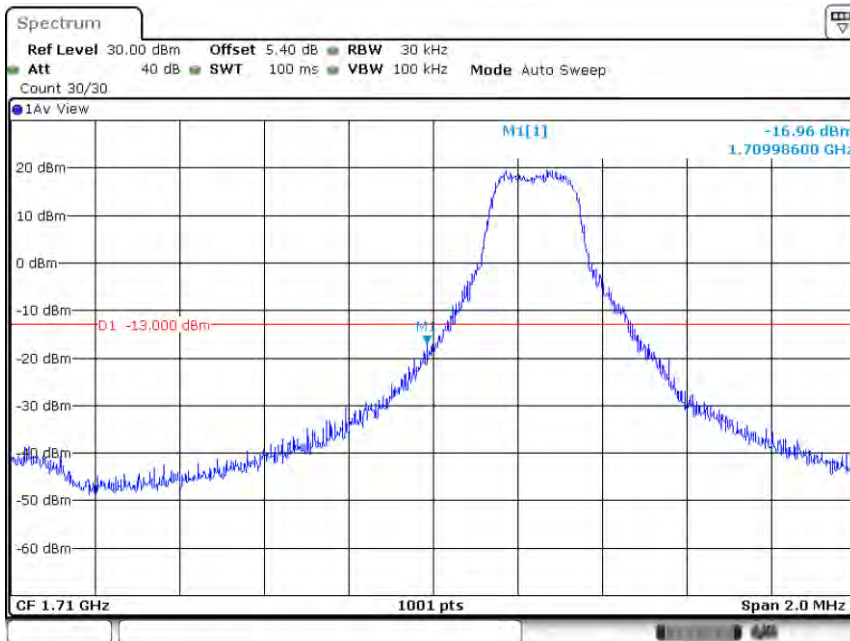
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Band4-3MHz-16QAM-20385-15RB#0



Date: 15.OCT.2020 11:47:05

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



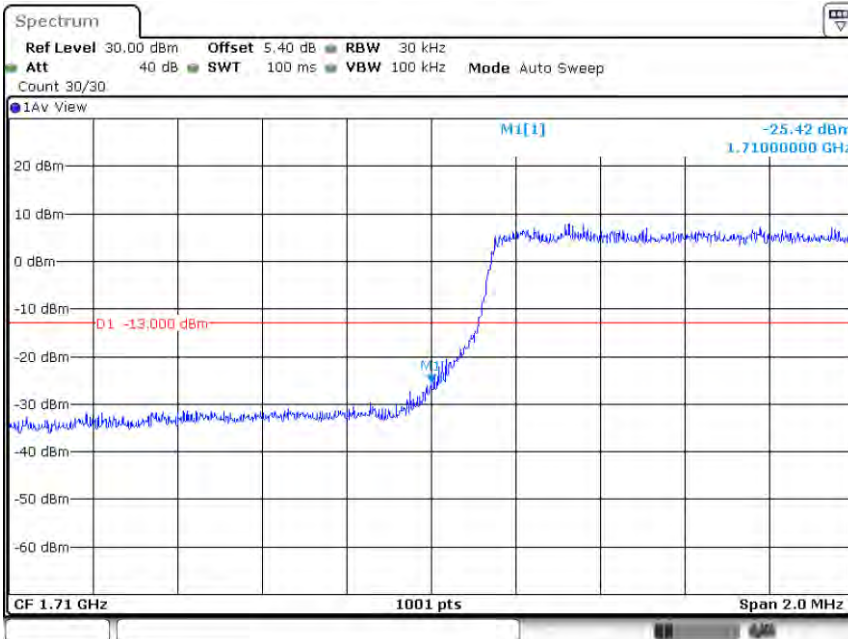
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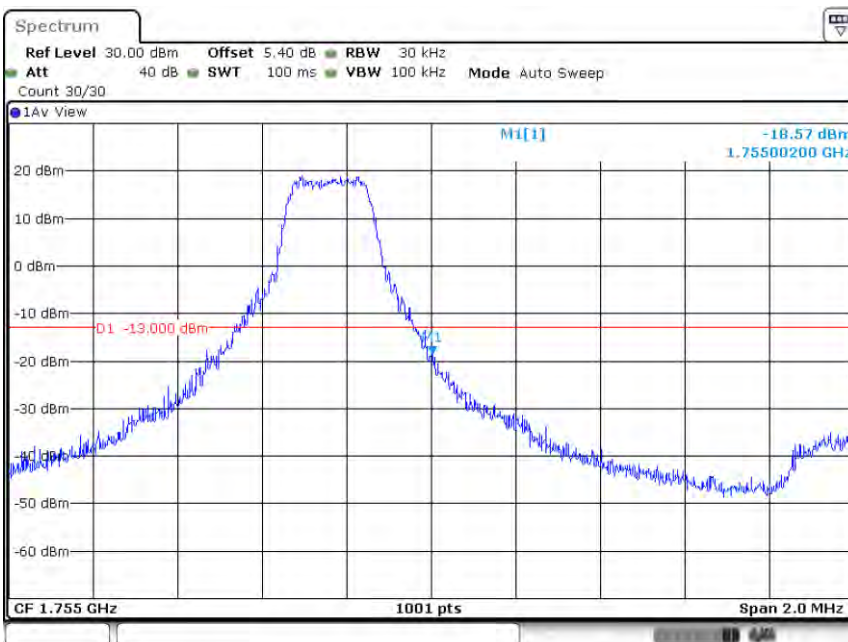
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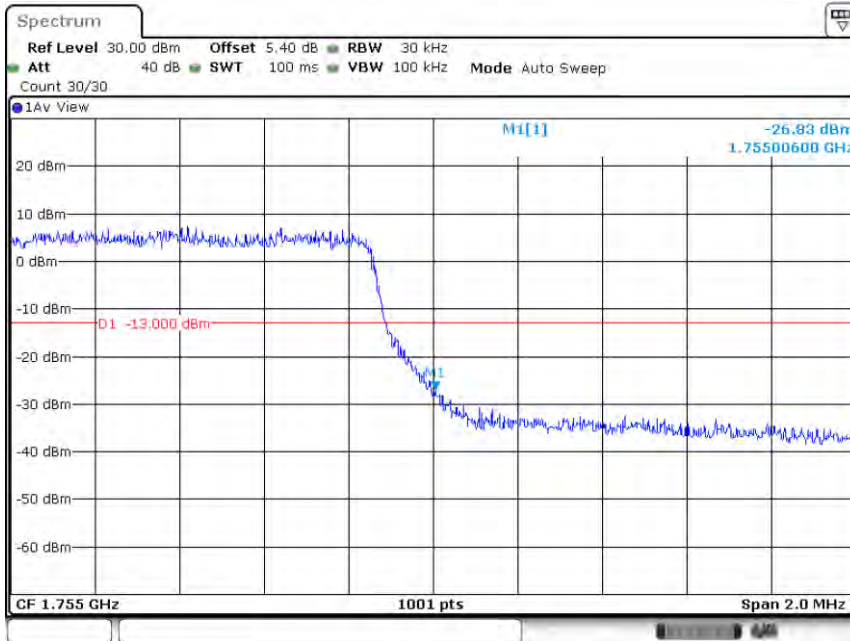
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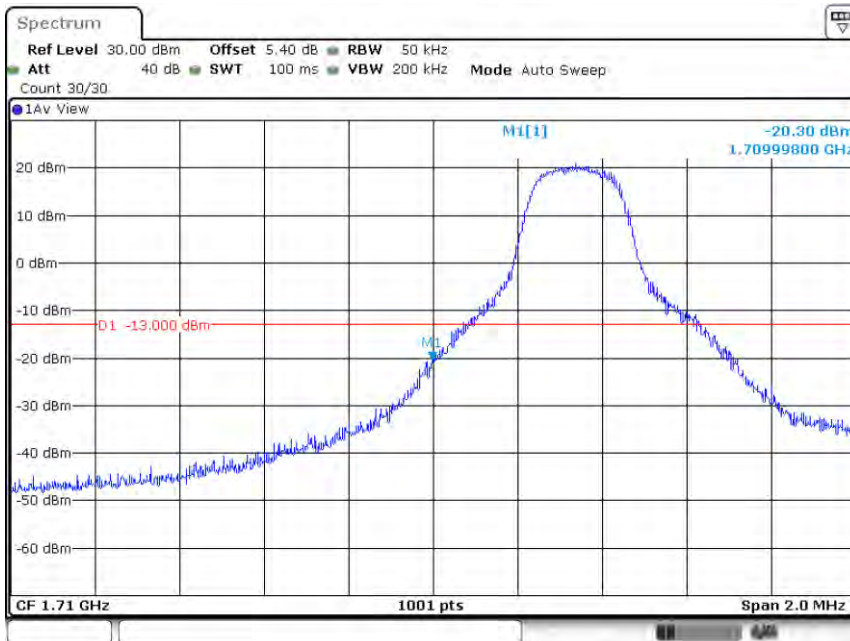
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Band4-3MHz-64QAM-20385-15RB#0



Date: 14.OCT.2020 10:47:32

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

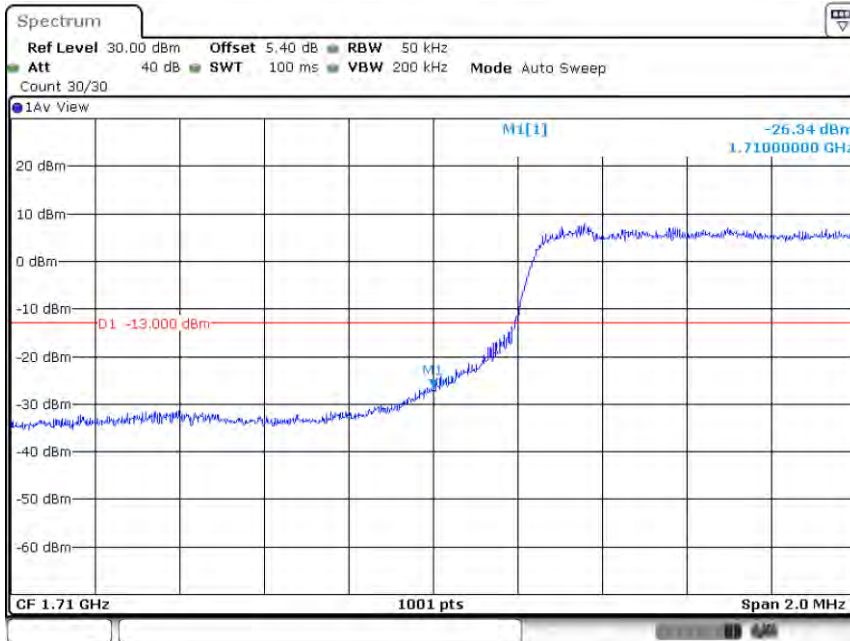


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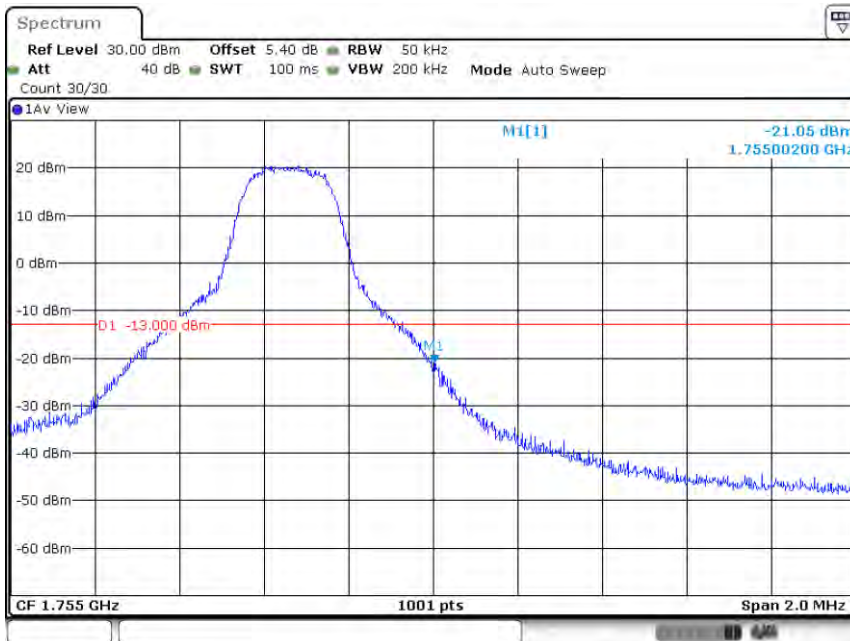
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Band4-5MHz-QPSK-19975-25RB#0



Date: 11.OCT.2020 19:07:32

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



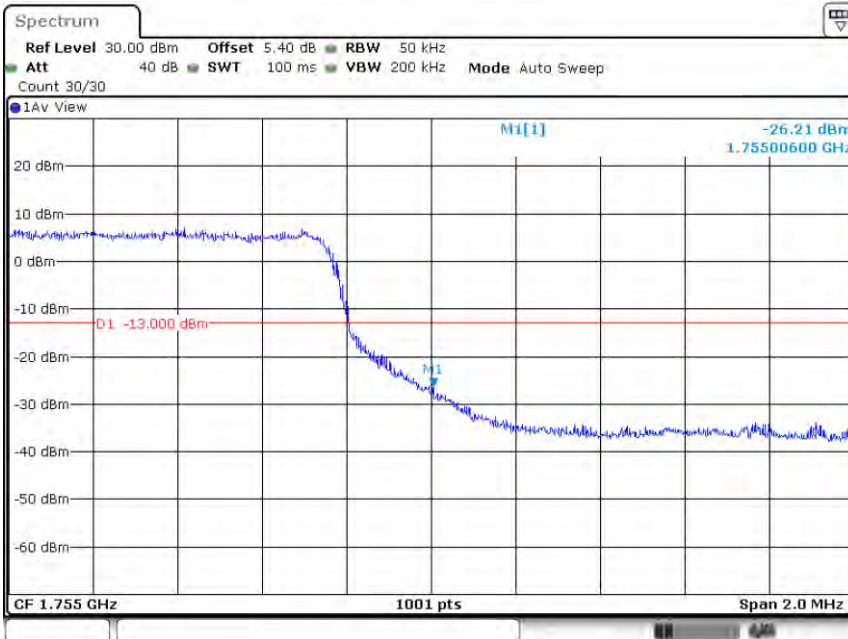
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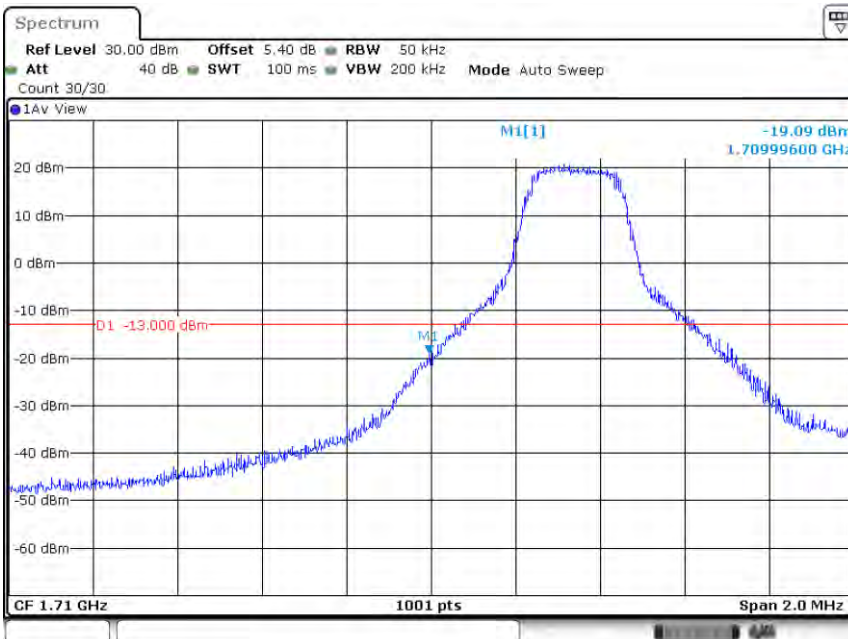
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Band4-5MHz-QPSK-20375-25RB#0



Date: 11.OCT.2020 19:08:46

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

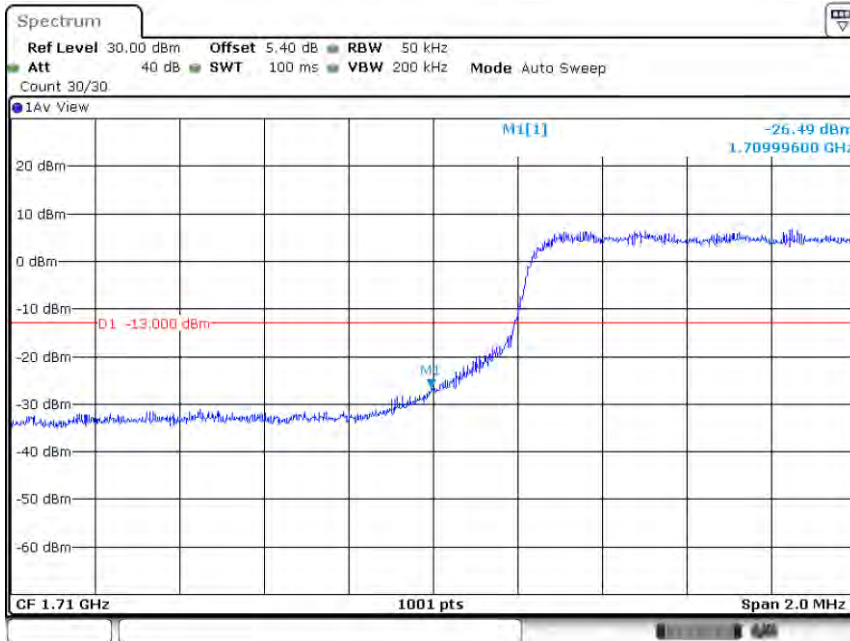


Date: 11.OCT.2020 19:07:16



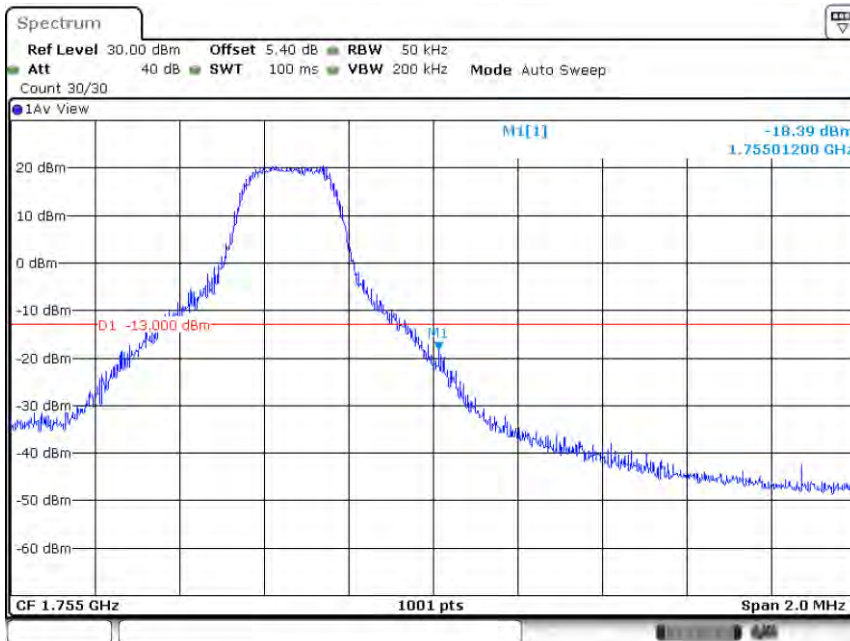
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Band4-5MHz-16QAM-19975-25RB#0



Date: 11.OCT.2020 19:07:48

Band4-5MHz-16QAM-20375-1RB#24

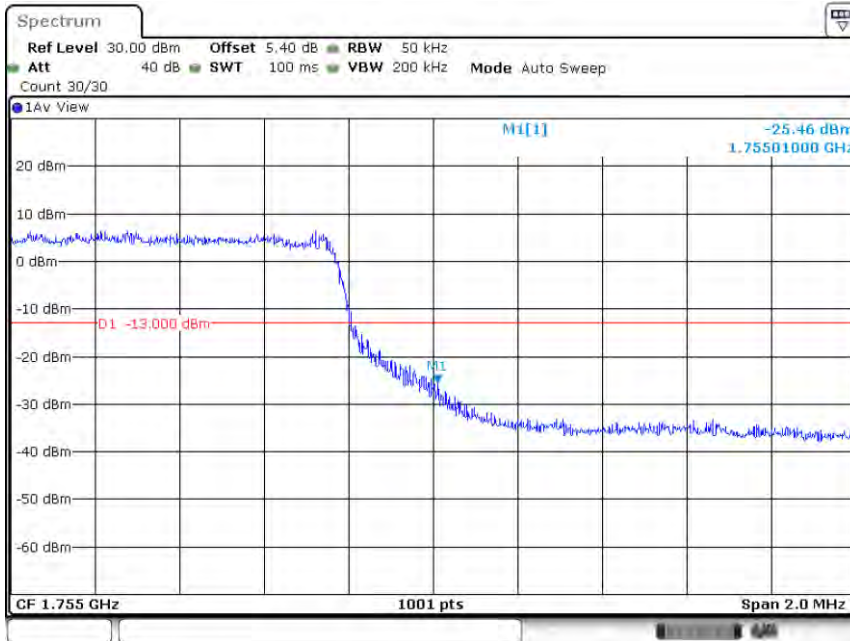


Date: 11.OCT.2020 19:08:29



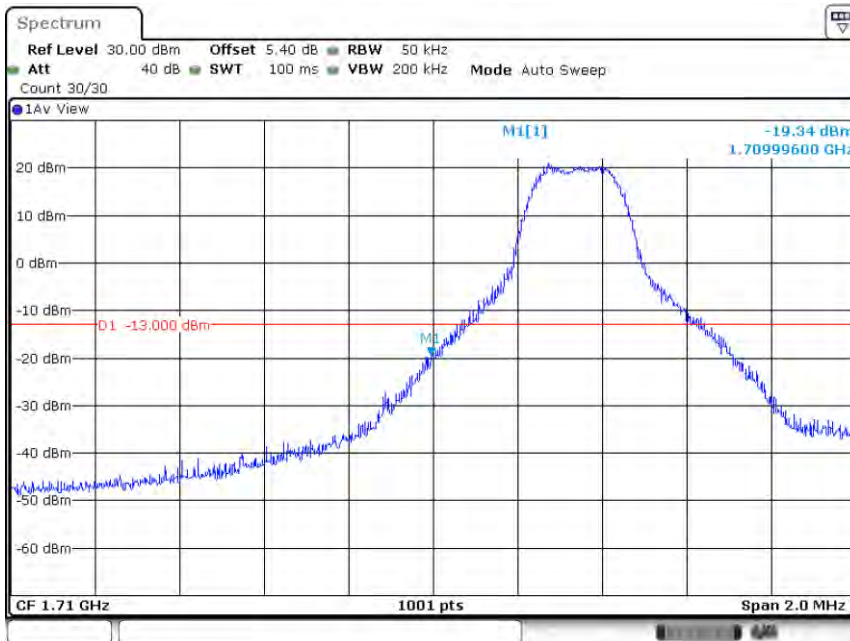
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Band4-5MHz-16QAM-20375-25RB#0



Date: 11.OCT.2020 19:09:02

Band4-5MHz-64QAM-19975-1RB#0



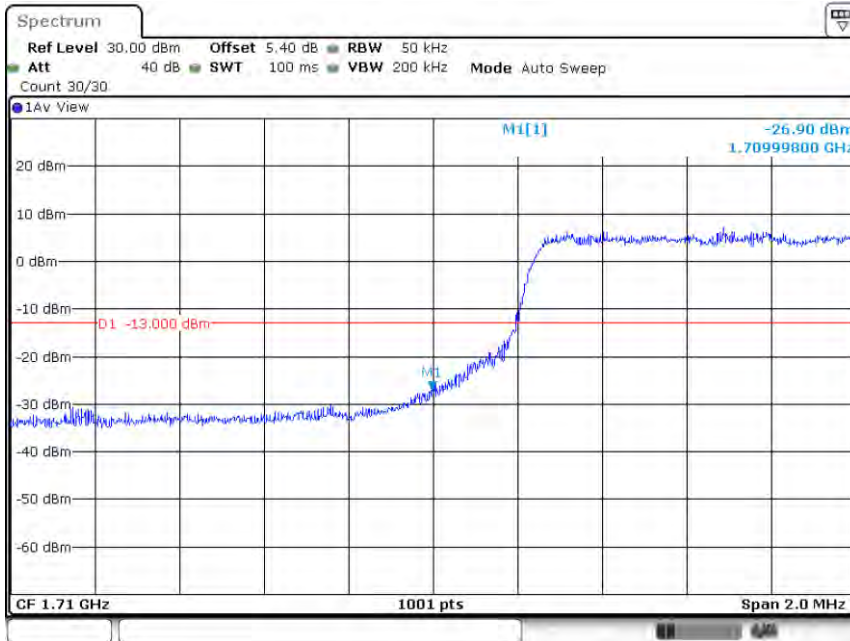
Date: 14.OCT.2020 10:47:59



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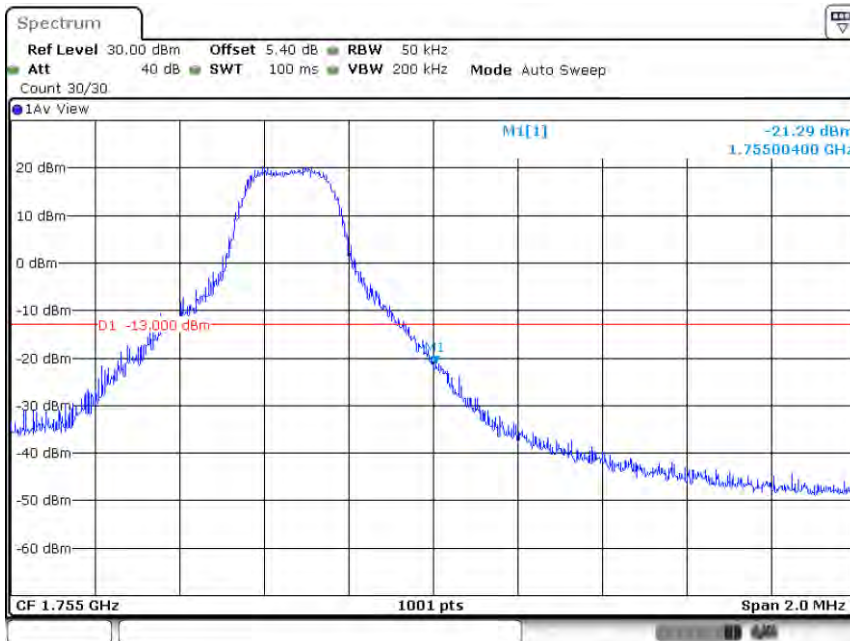
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Band4-5MHz-64QAM-19975-25RB#0



Date: 14.OCT.2020 10:48:15

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

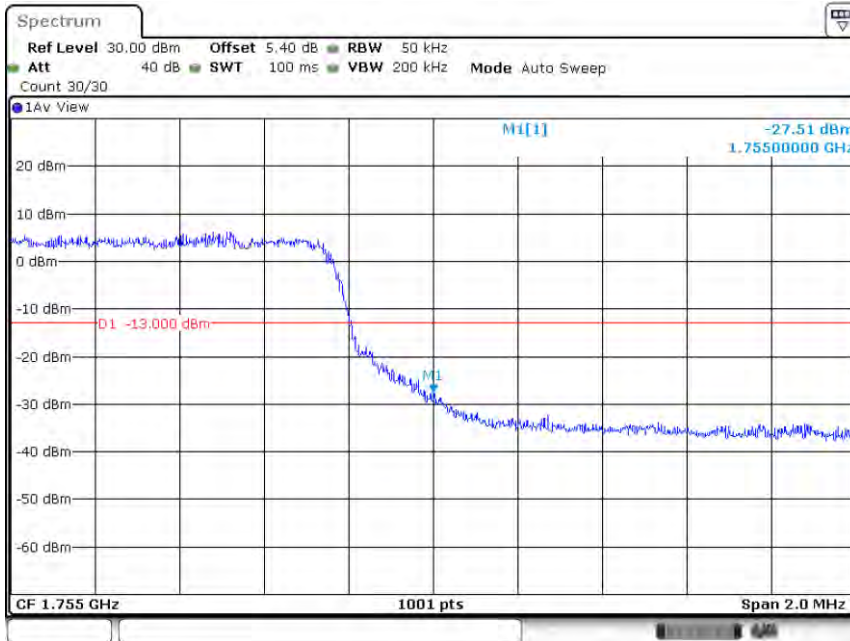


Date: 14.OCT.2020 10:48:41



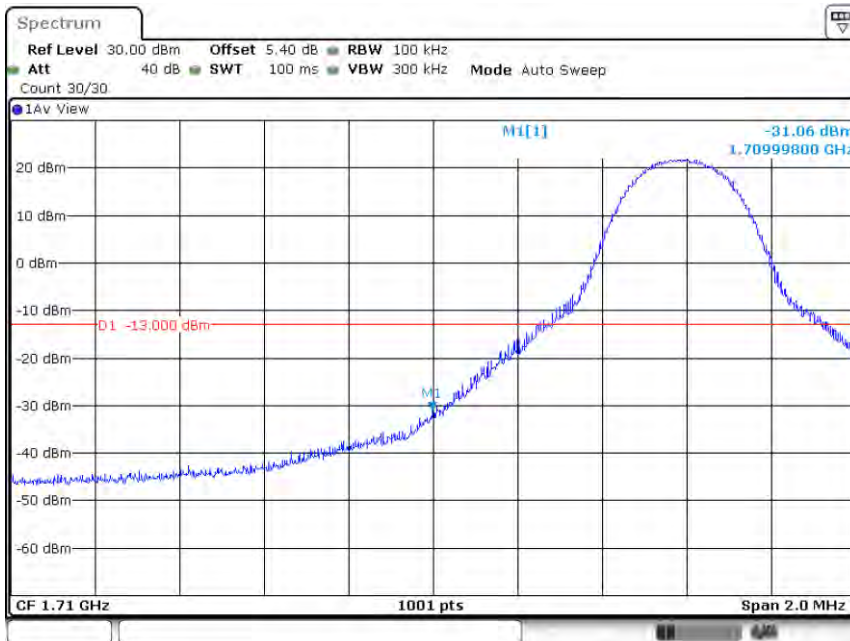
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Band4-5MHz-64QAM-20375-25RB#0



Date: 14.OCT.2020 10:48:57

Band4-10MHz-QPSK-20000-1RB#0

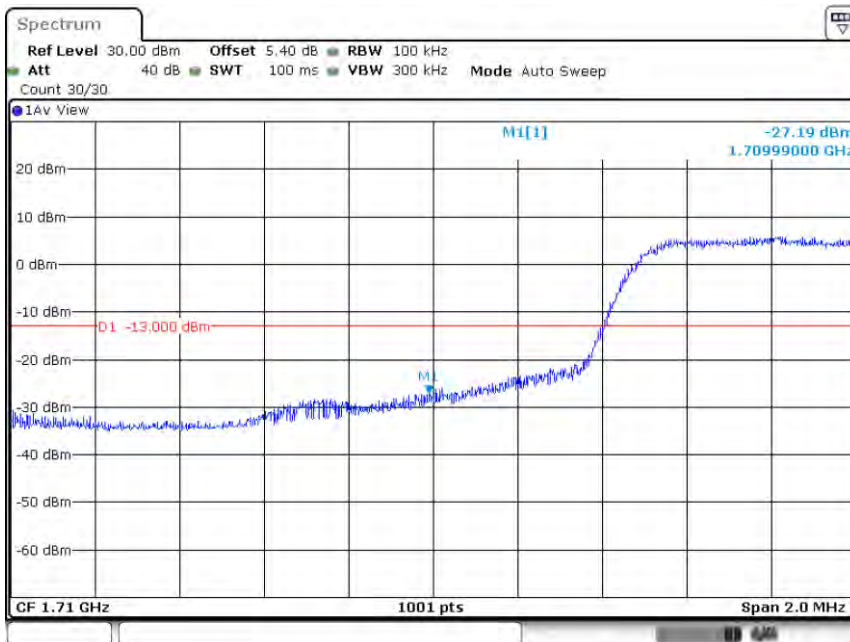


Date: 11.OCT.2020 19:09:27



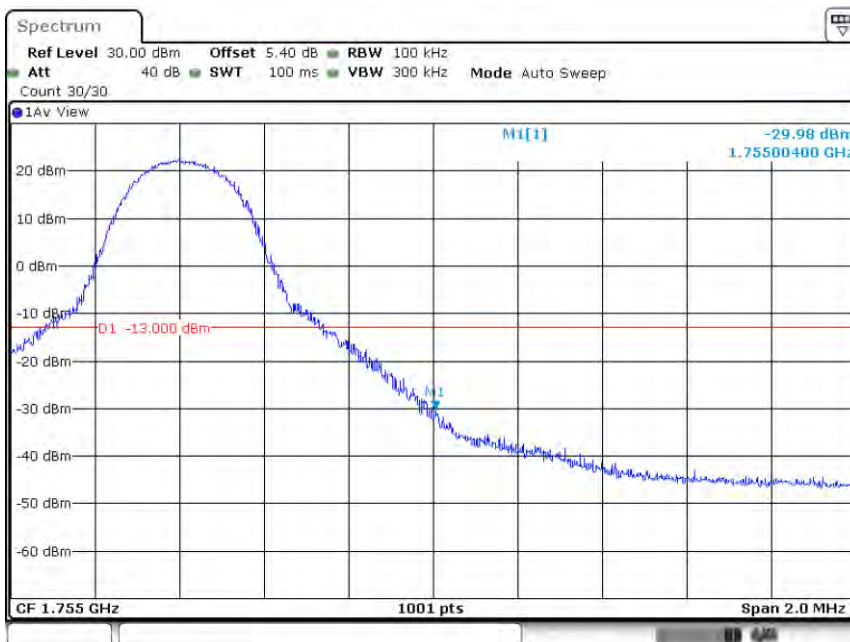
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Band4-10MHz-QPSK-20000-50RB#0



Date: 11.OCT.2020 19:10:00

Band4-10MHz-QPSK-20350-1RB#49



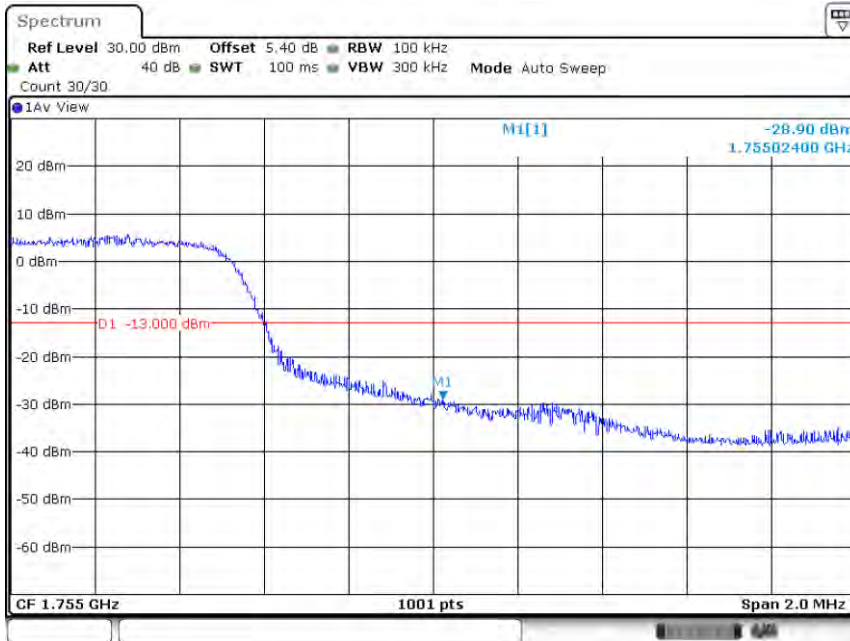
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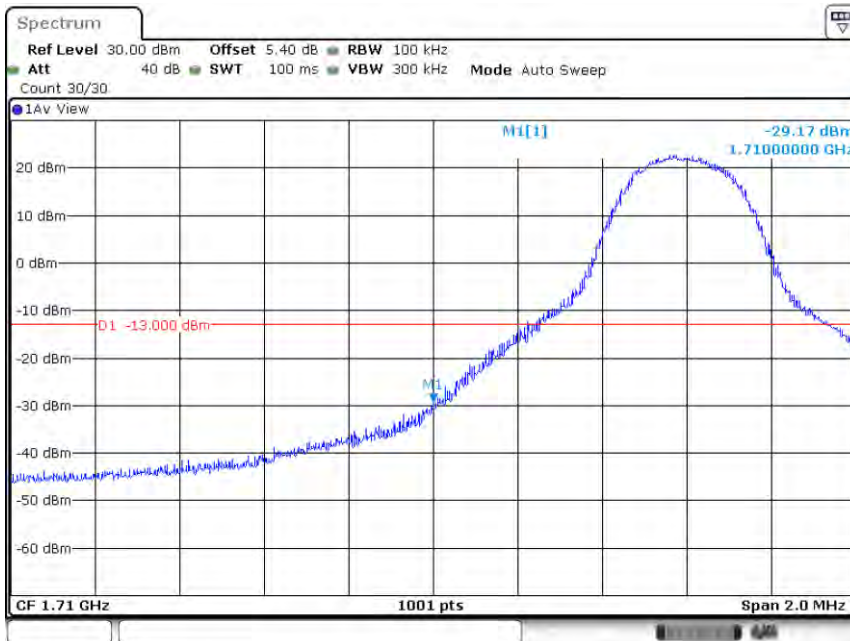
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Band4-10MHz-QPSK-20350-50RB#0



Date: 11.OCT.2020 19:11:14

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

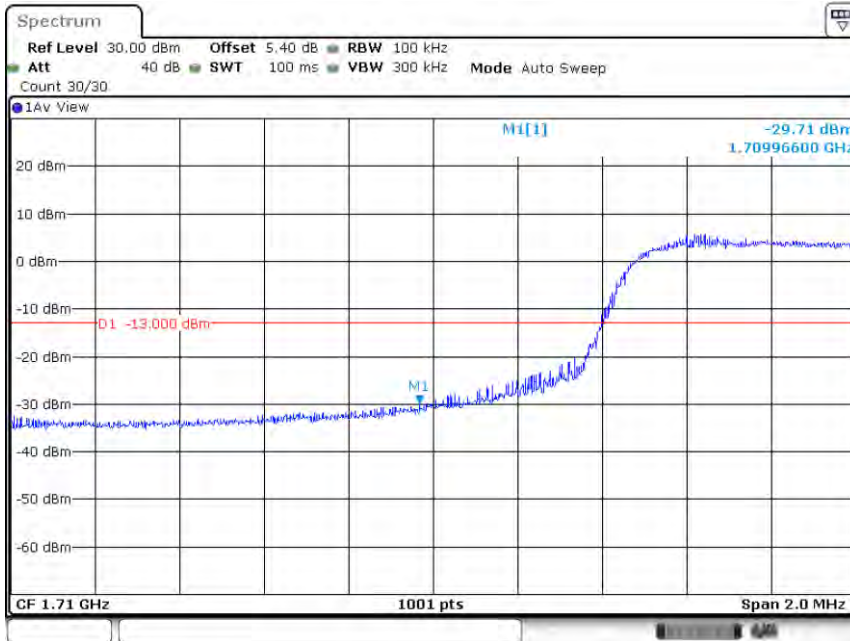


Date: 11.OCT.2020 19:09:43



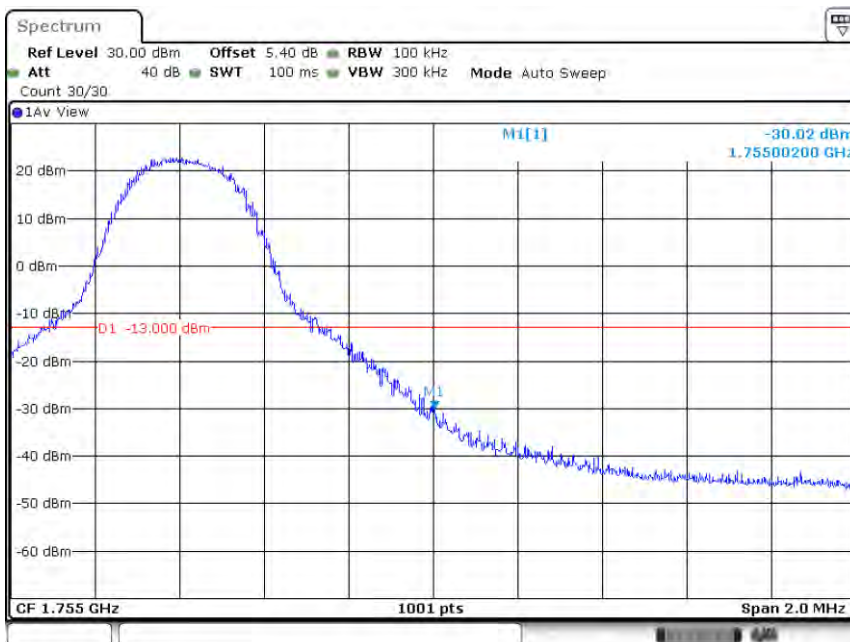
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Band4-10MHz-16QAM-20000-50RB#0



Date: 11.OCT.2020 19:10:16

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



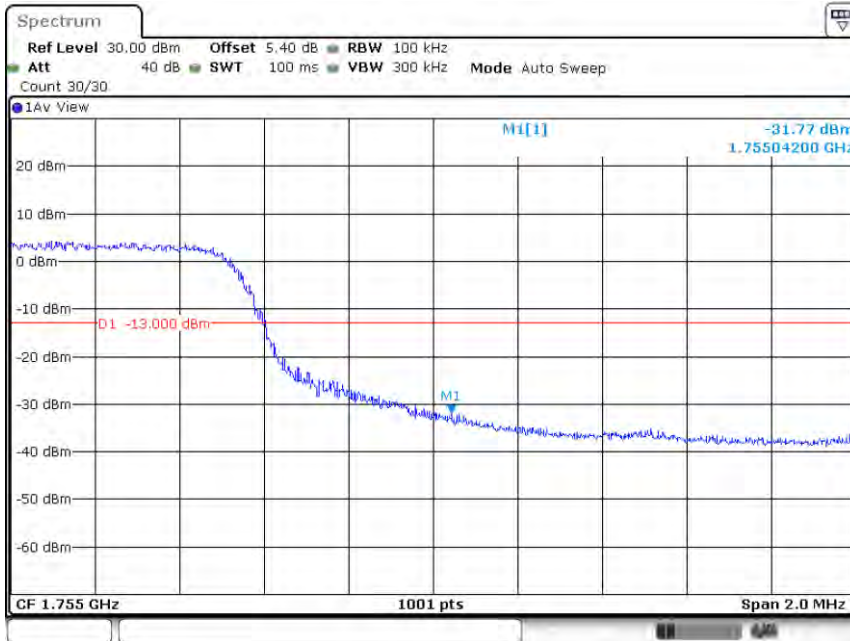
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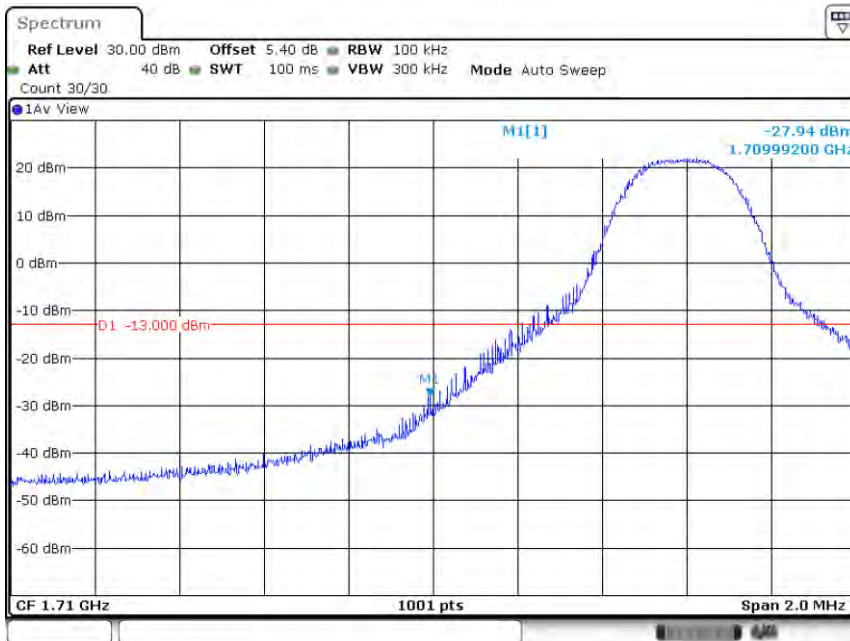
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Band4-10MHz-16QAM-20350-50RB#0



Date: 11.OCT.2020 19:11:30

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



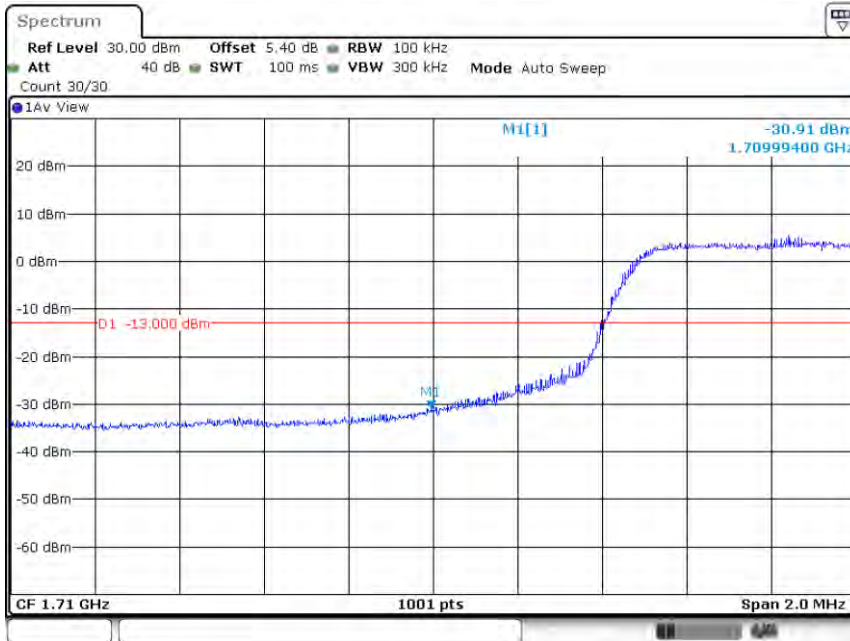
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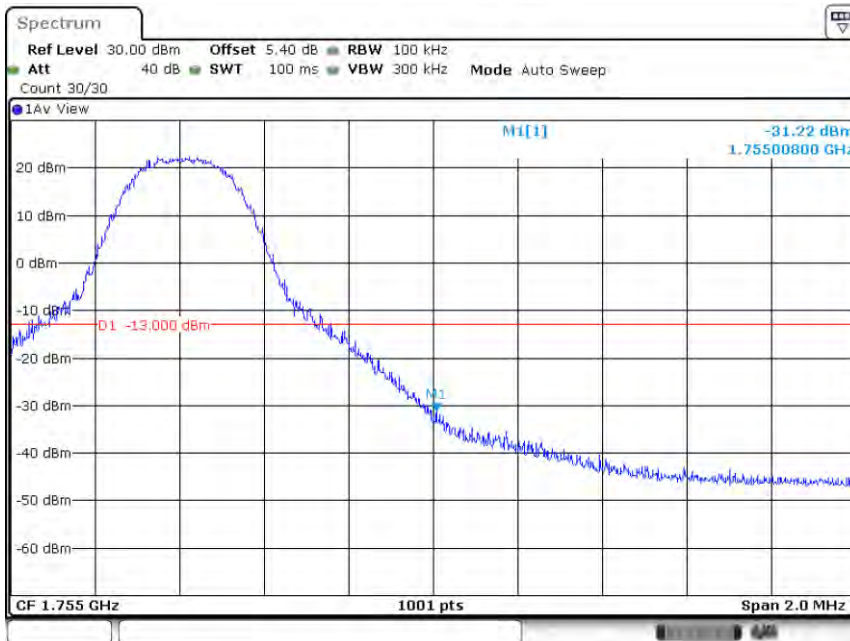
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Band4-10MHz-64QAM-20000-50RB#0



Date: 14.OCT.2020 10:49:41

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

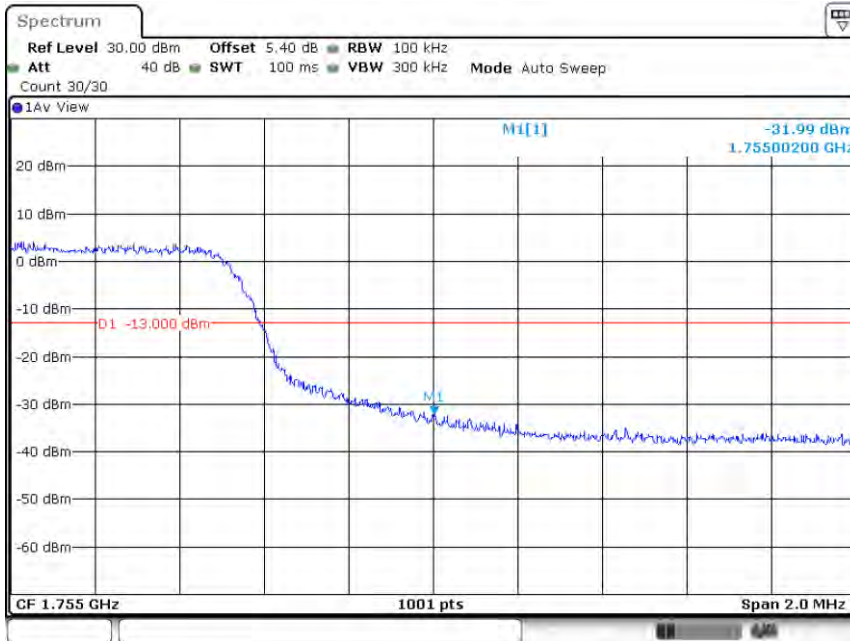


Date: 14.OCT.2020 10:50:09



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



Date: 14.OCT.2020 10:50:25

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

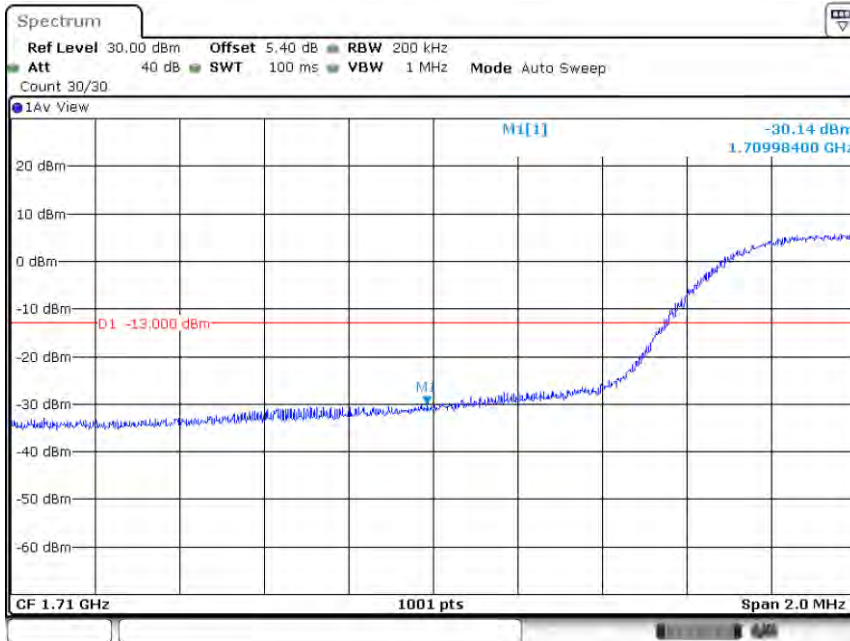


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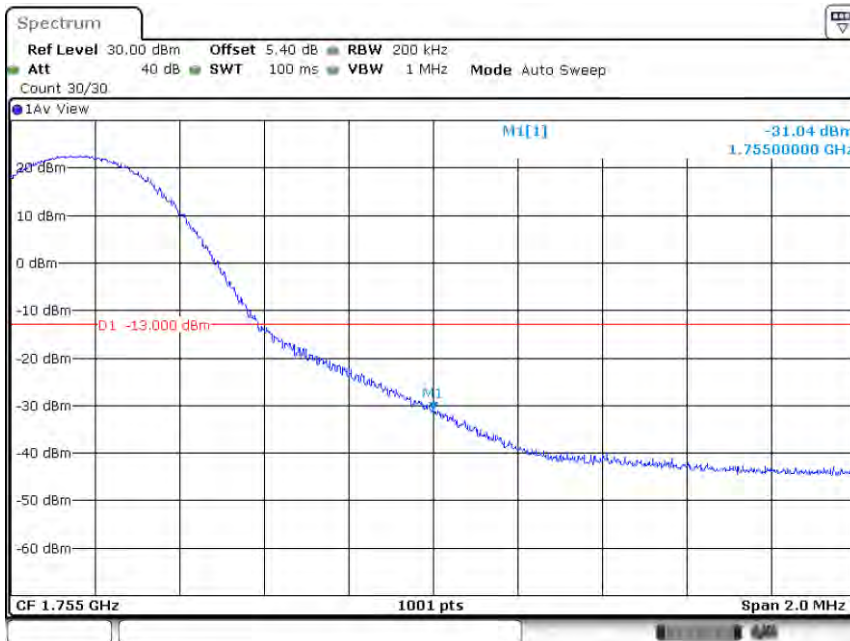
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Band4-15MHz-QPSK-20025-75RB#0



Date: 11.OCT.2020 19:12:28

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

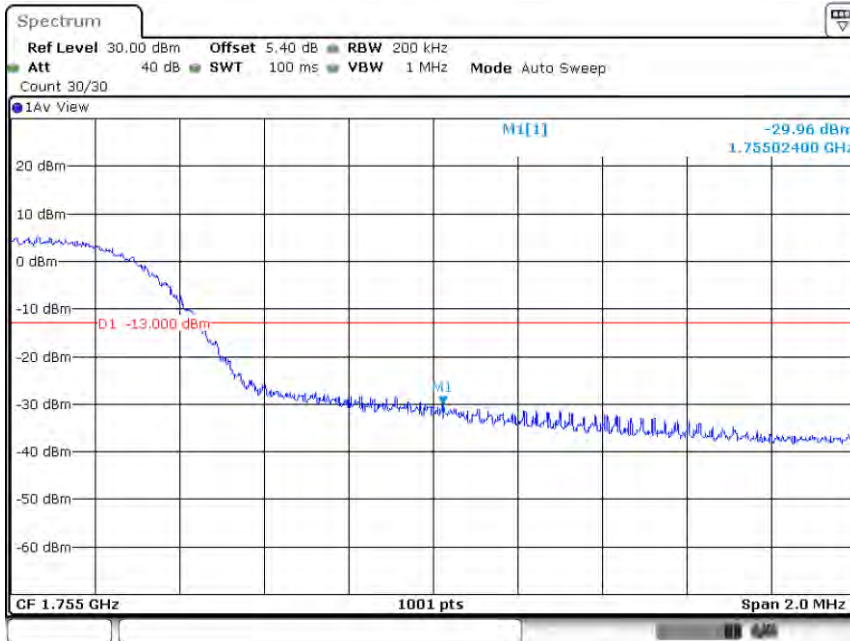


Date: 11.OCT.2020 19:13:09



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



Date: 11.OCT.2020 19:13:42

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



Date: 11.OCT.2020 19:12:11

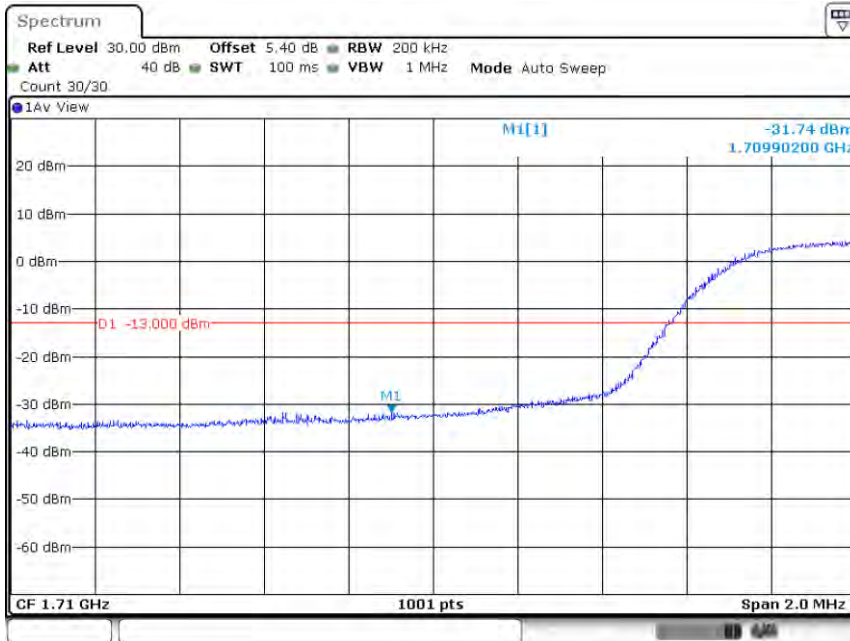


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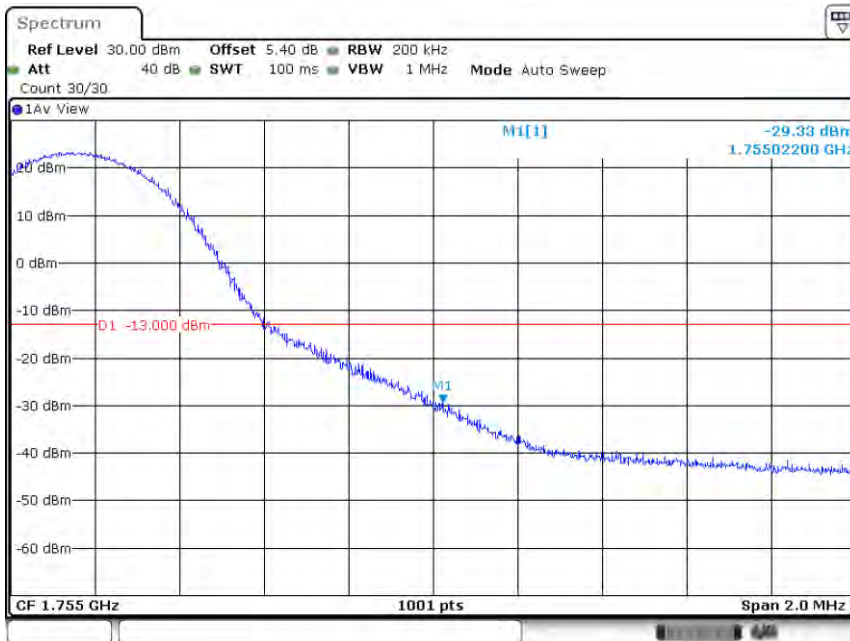
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Band4-15MHz-16QAM-20025-75RB#0



Date: 11.OCT.2020 19:12:44

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



Date: 11.OCT.2020 19:13:26

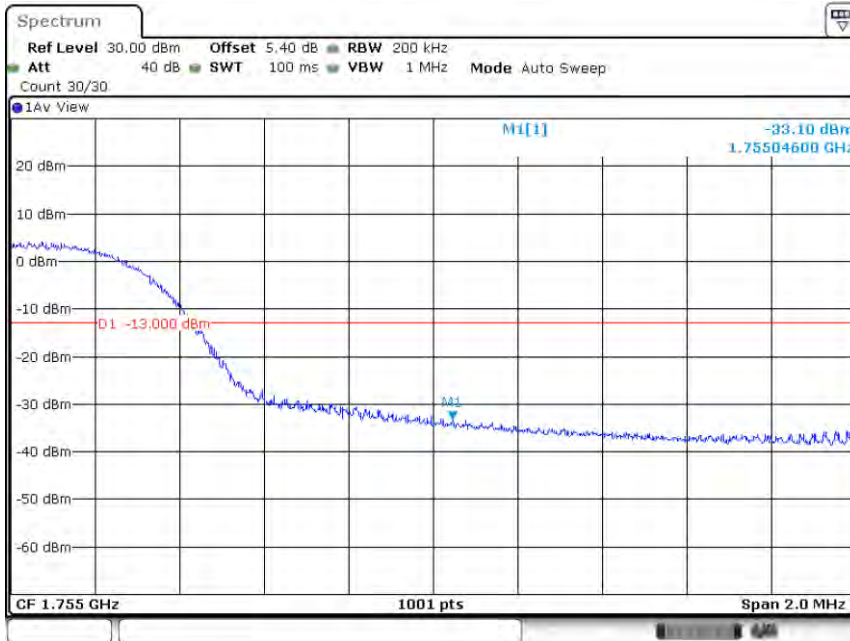


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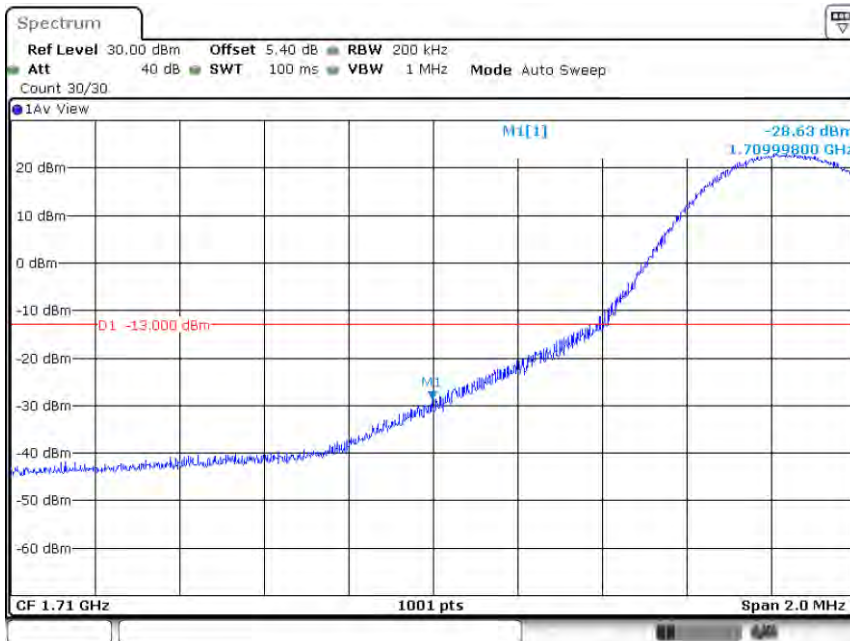
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Band4-15MHz-16QAM-20325-75RB#0



Date: 11.OCT.2020 19:13:59

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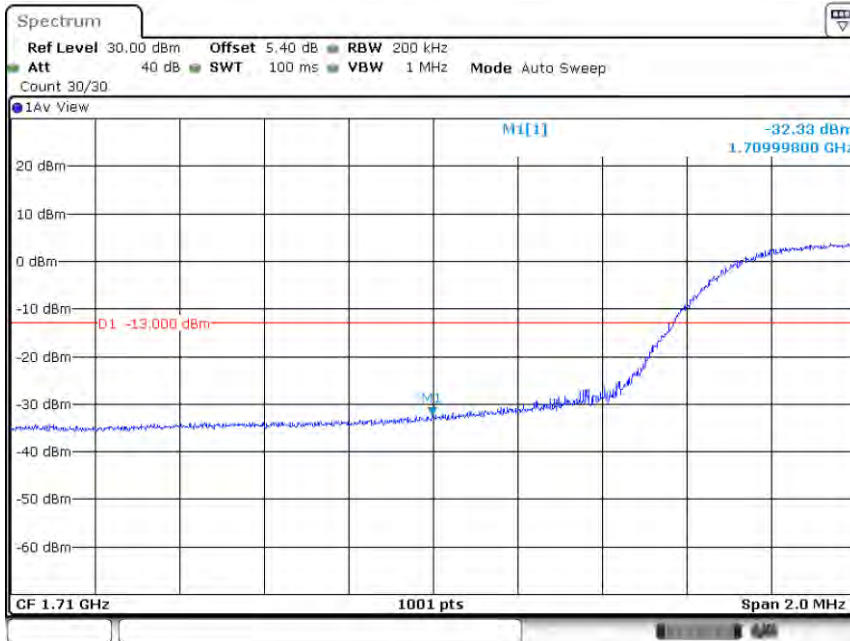
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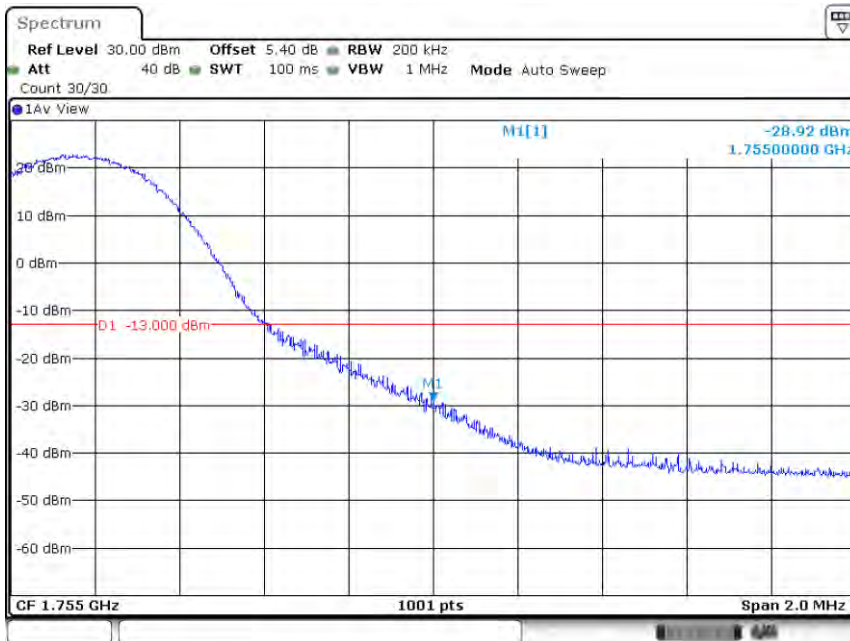
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Band4-15MHz-64QAM-20025-75RB#0



Date: 14.OCT.2020 10:51:09

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



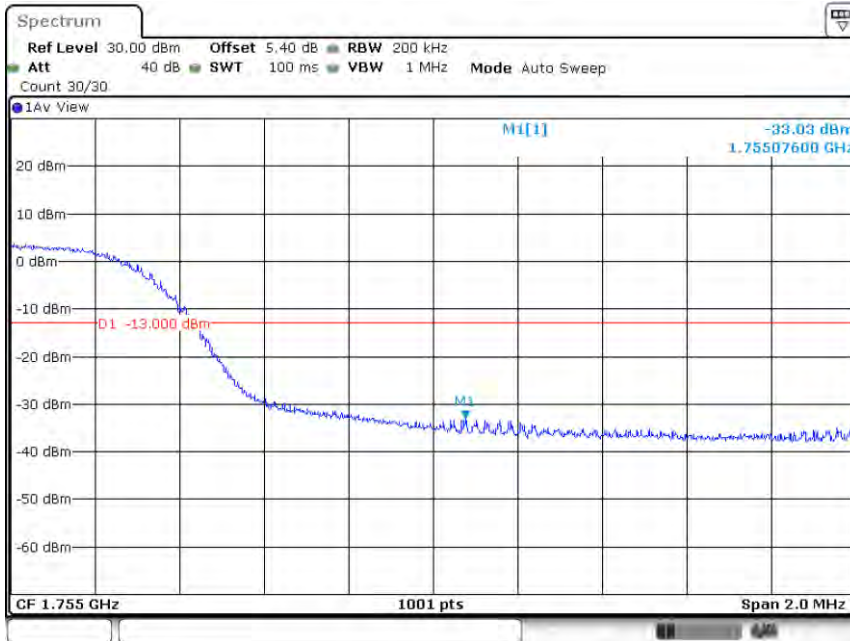
Date: 14.OCT.2020 10:51:34



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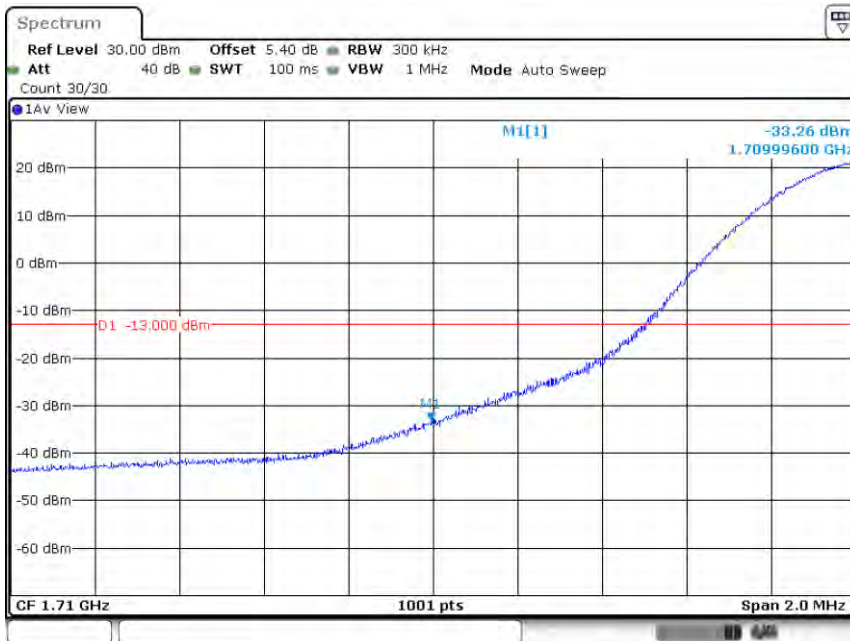
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Band4-15MHz-64QAM-20325-75RB#0



Date: 14.OCT.2020 10:51:51

Band4-20MHz-QPSK-20050-1RB#0

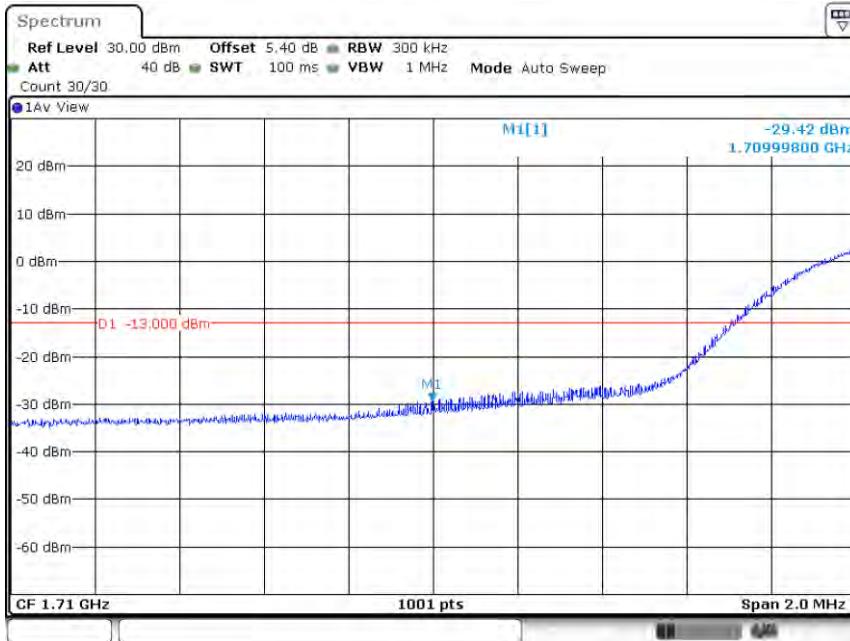


Date: 11.OCT.2020 19:14:23



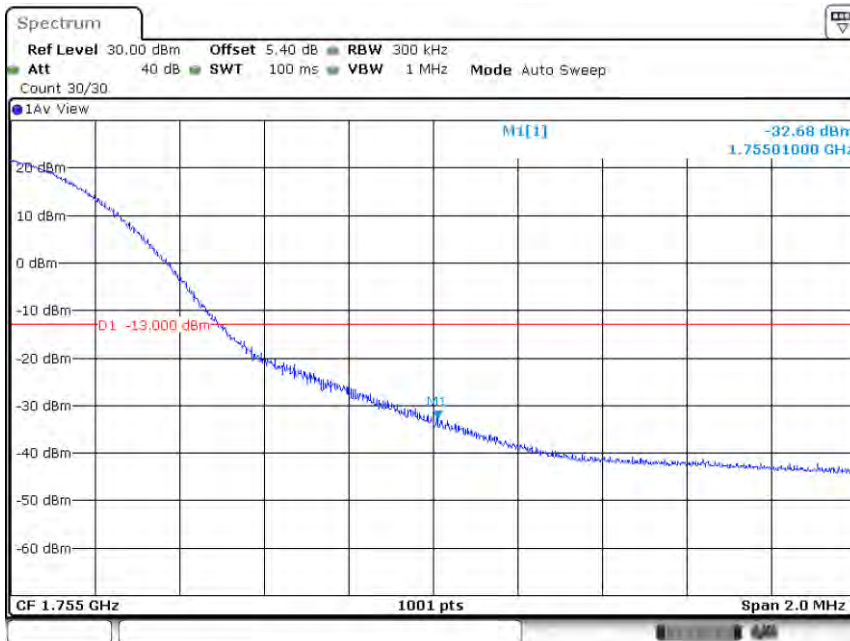
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Band4-20MHz-QPSK-20050-100RB#0



Date: 11.OCT.2020 19:14:57

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



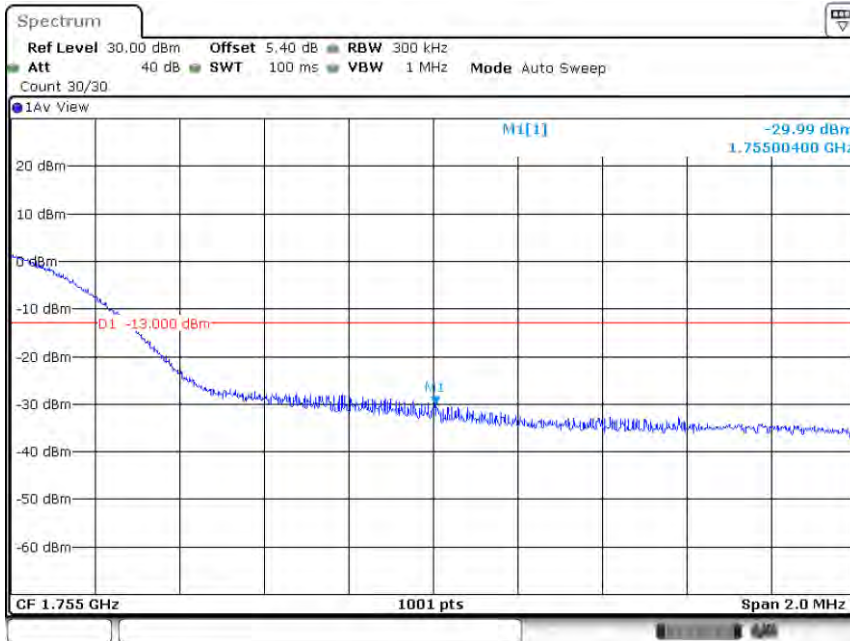
Date: 11.OCT.2020 19:15:38



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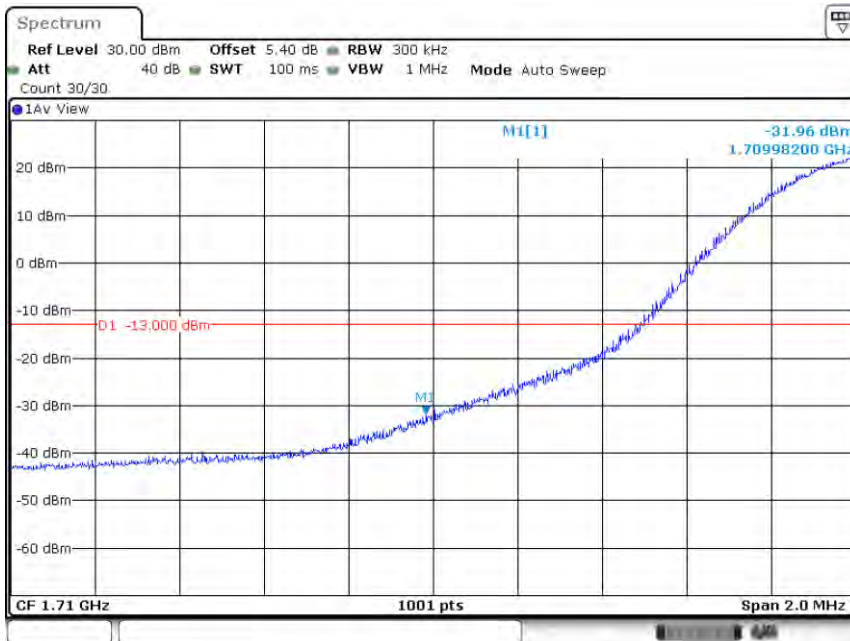
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Band4-20MHz-QPSK-20300-100RB#0



Date: 11.OCT.2020 19:16:11

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

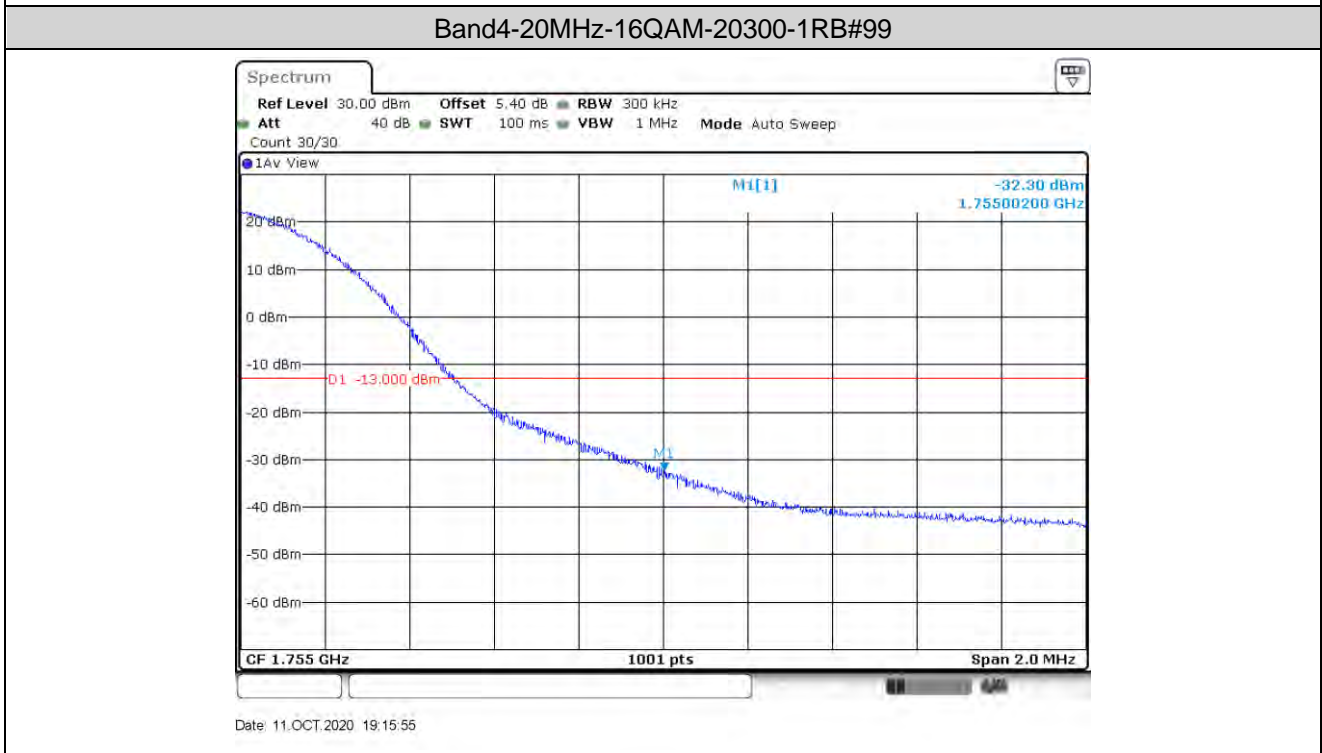
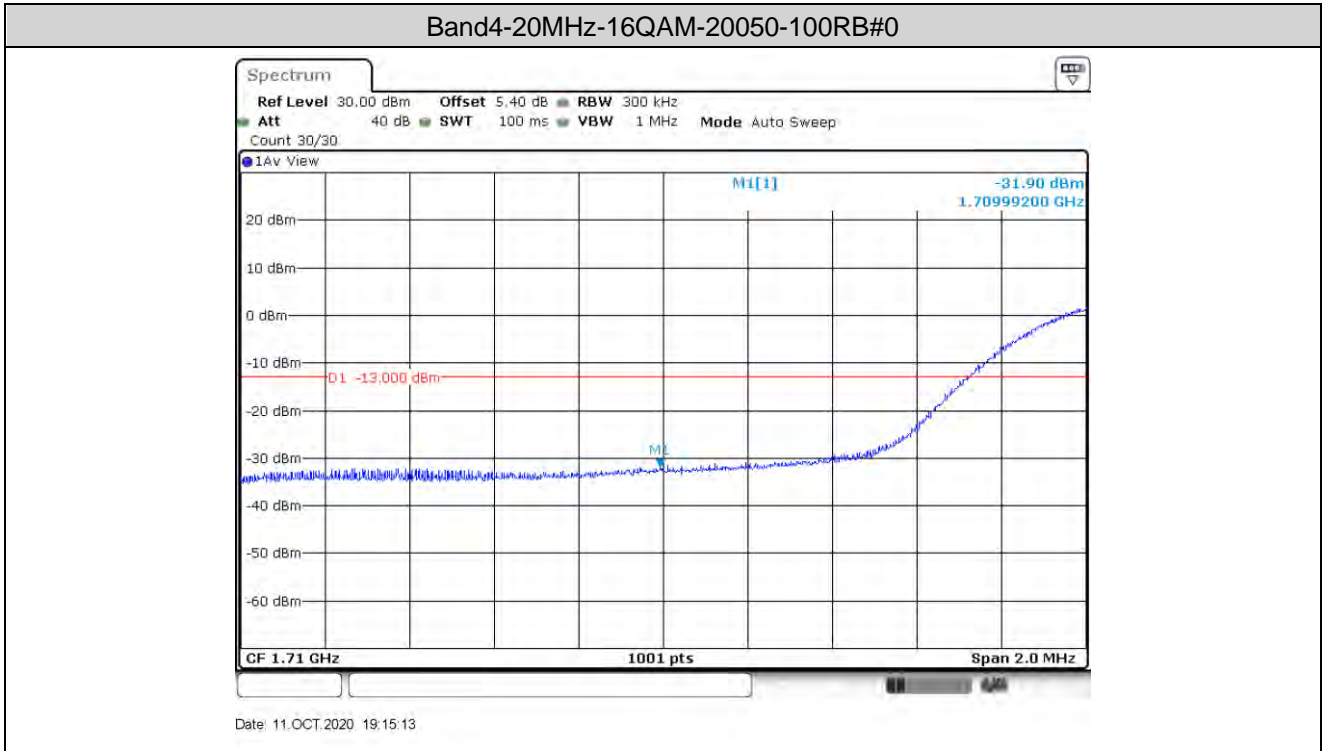


Date: 11.OCT.2020 19:14:40



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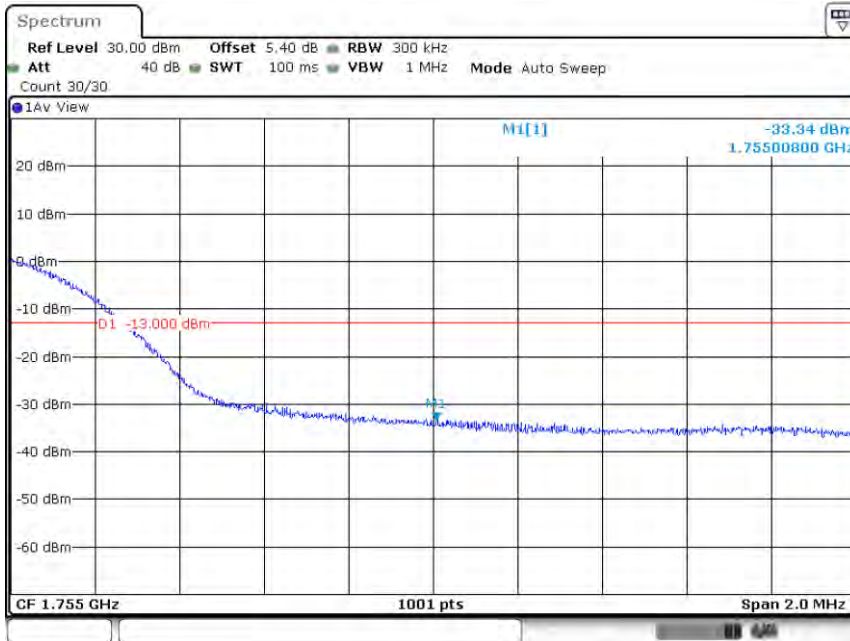


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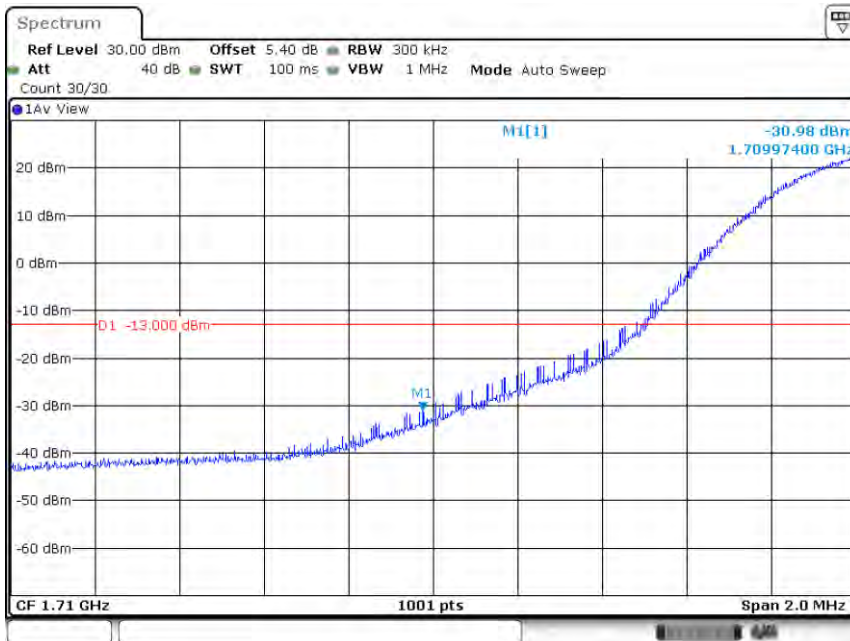
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Band4-20MHz-16QAM-20300-100RB#0



Date: 11.OCT.2020 19:16:28

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



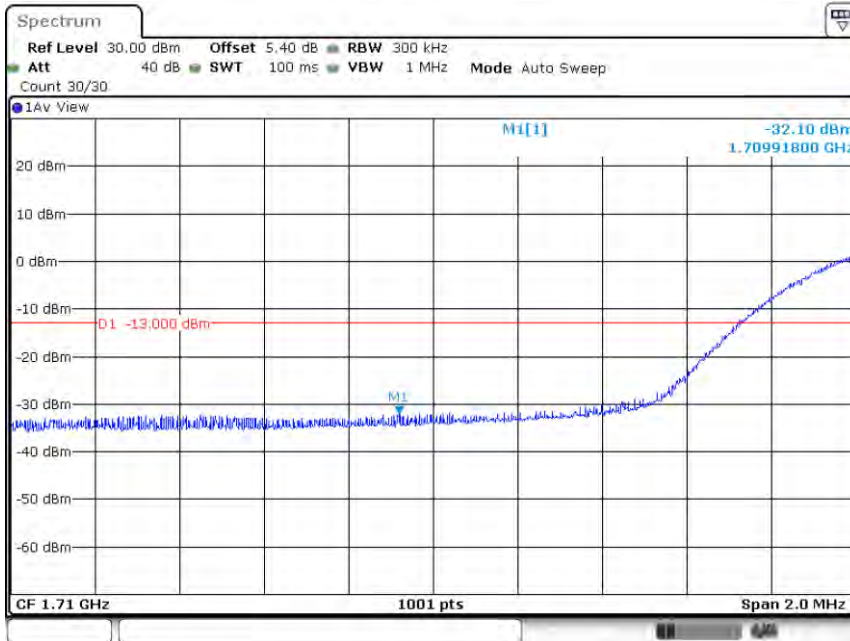
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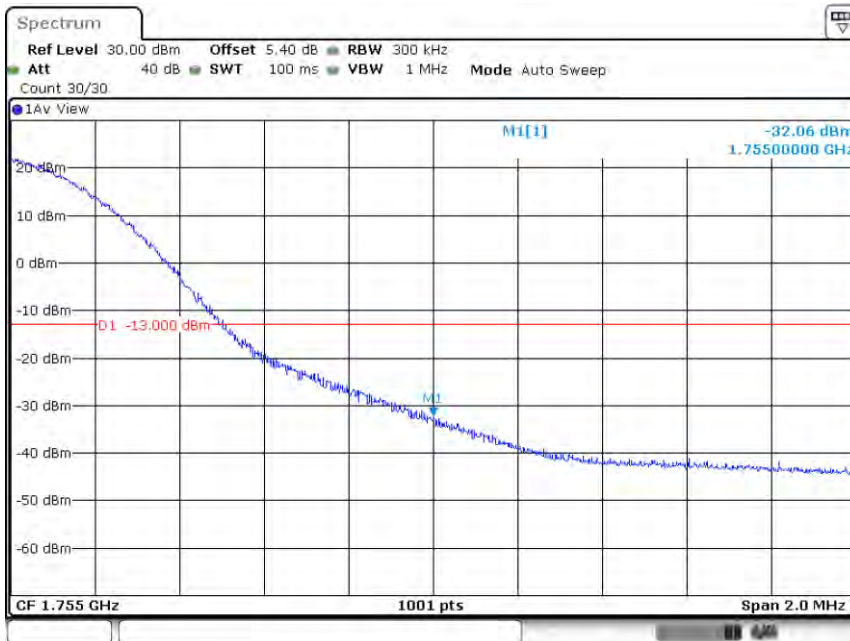
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Band4-20MHz-64QAM-20050-100RB#0



Date: 14.OCT.2020 10:52:35

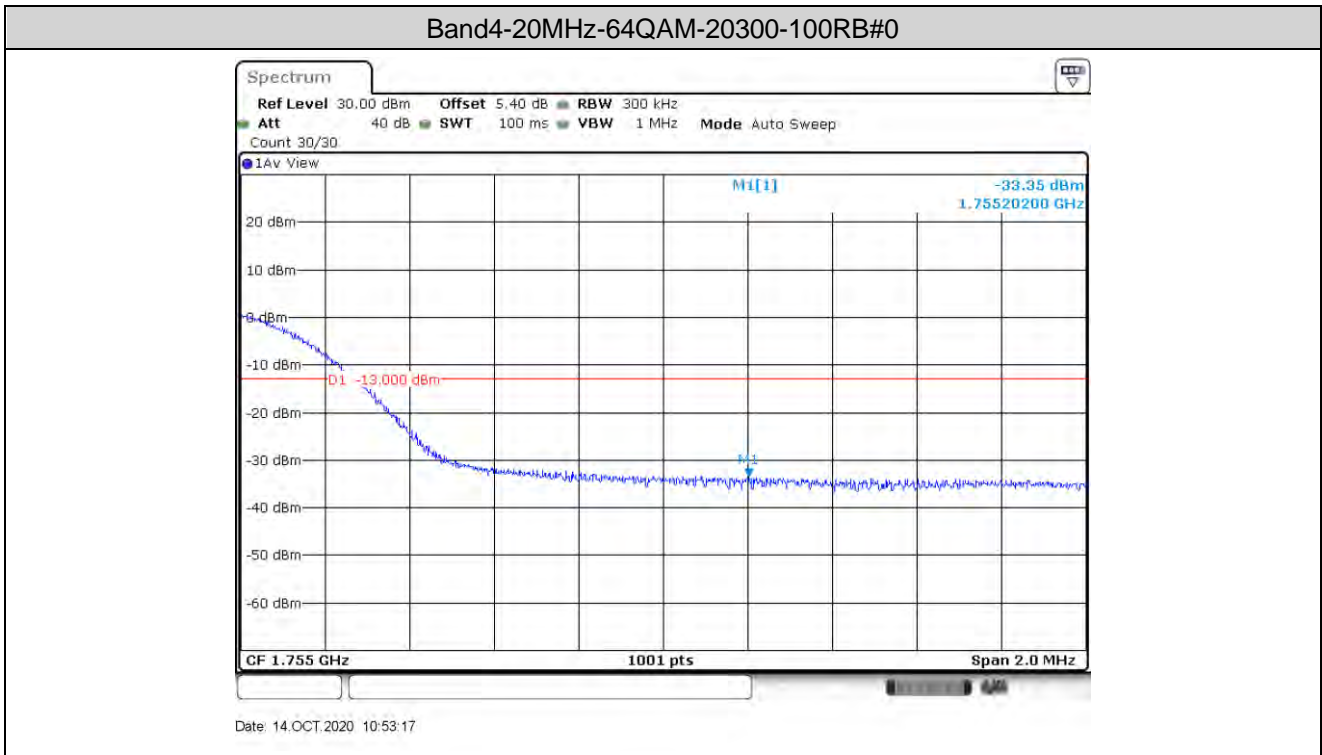
Band4-20MHz-64QAM-20300-1RB#99



Date: 14.OCT.2020 10:53:01



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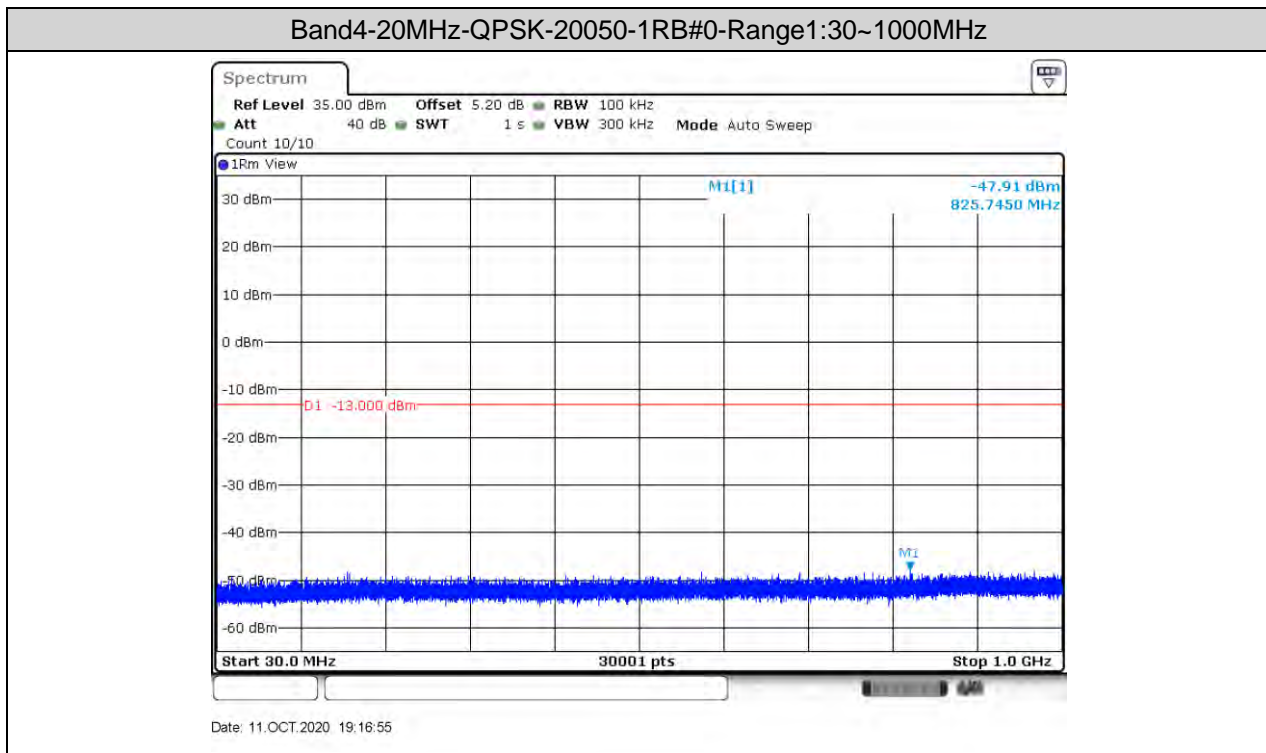
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6 Spurious Emission at Antenna Terminal

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 = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

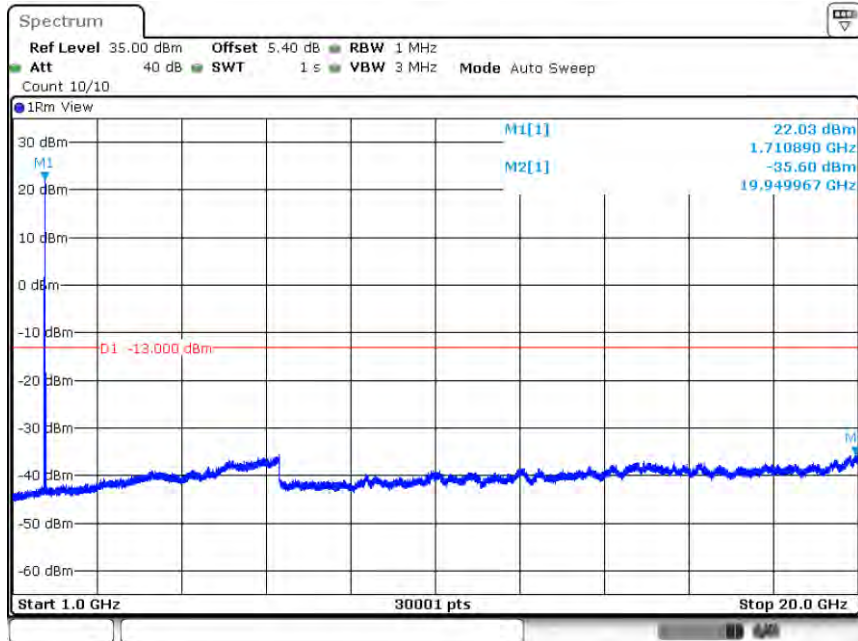
Remark2: only the worst case data displayed in this report.

6.1 Test Plots



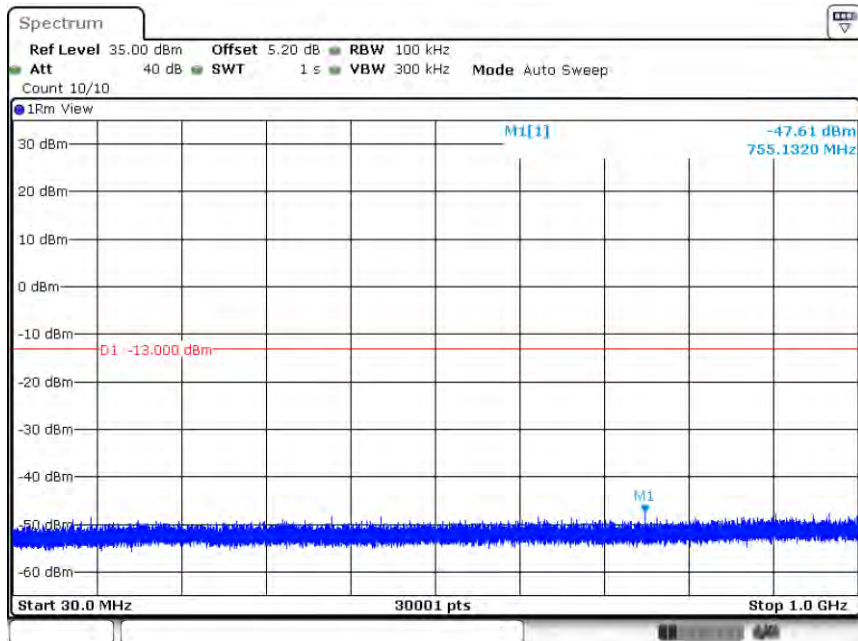
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Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~20000MHz



Date: 11.OCT.2020 19:17:13

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

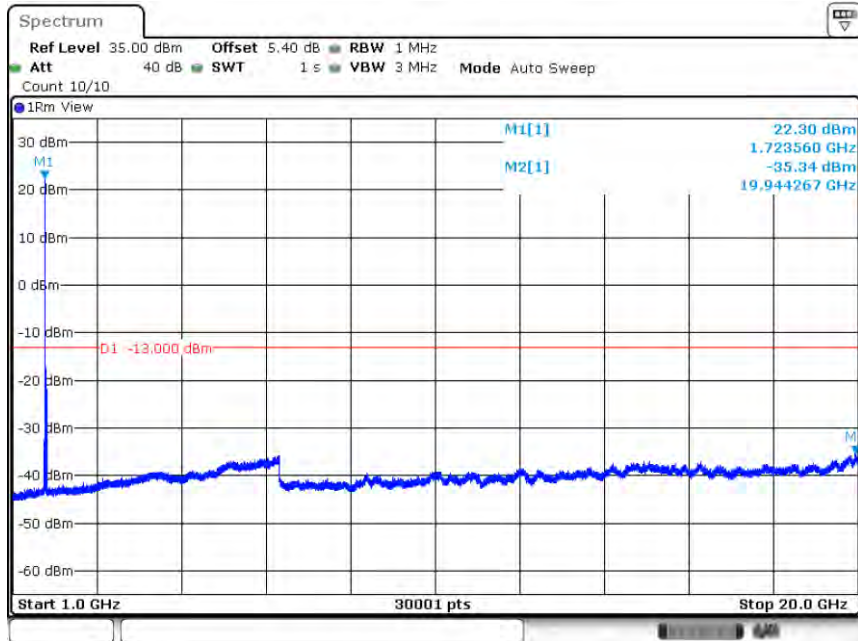


Date: 11.OCT.2020 19:18:14



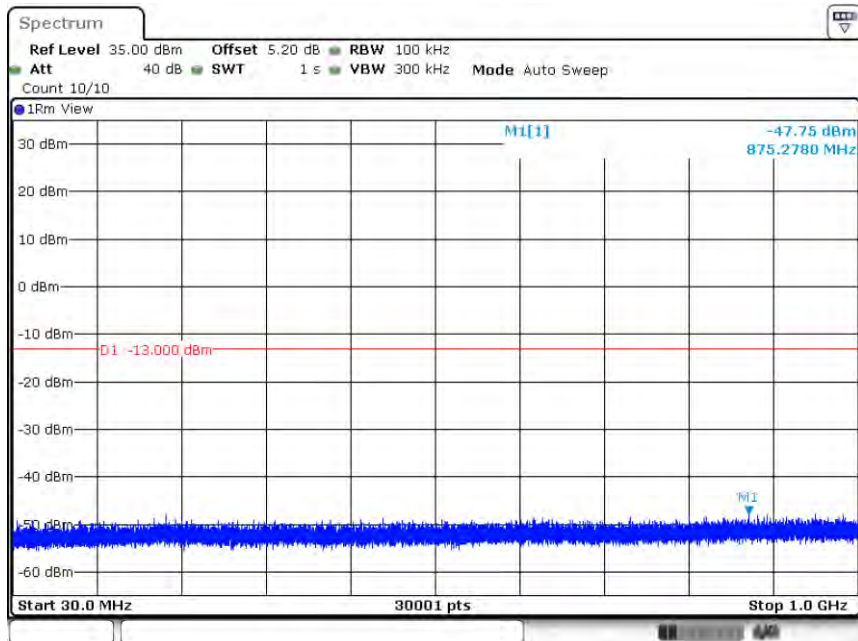
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Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



Date: 11.OCT.2020 19:18:31

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

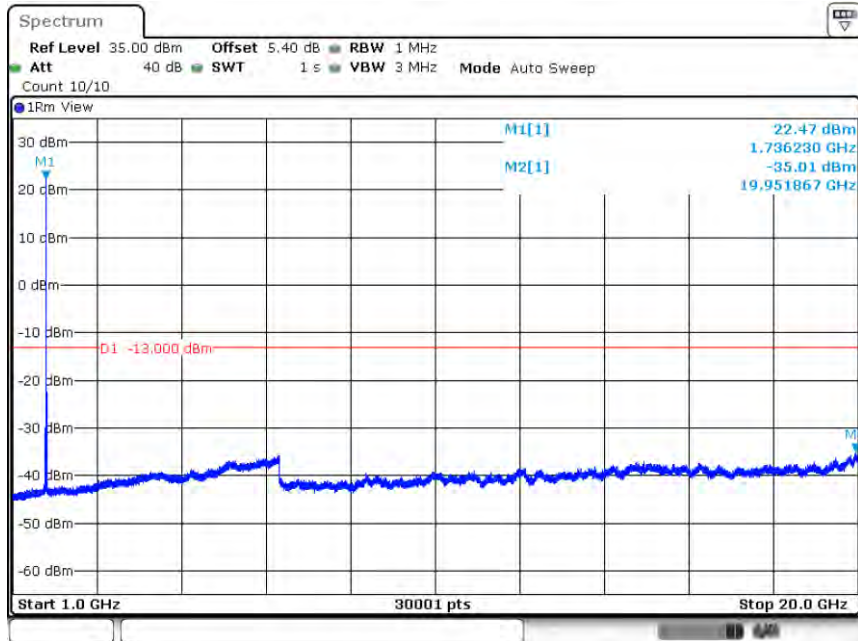


Date: 11.OCT.2020 19:19:32



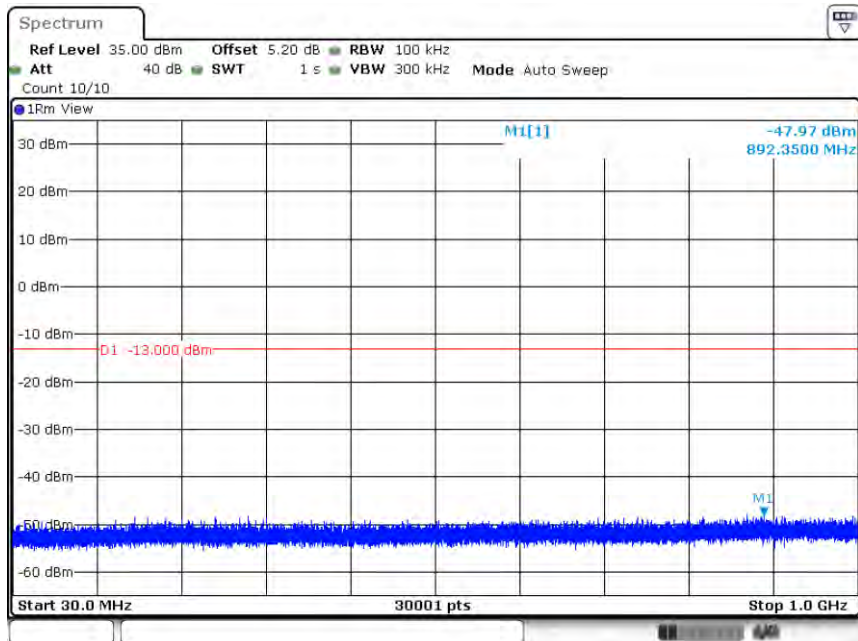
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Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz



Date: 11.OCT.2020 19:19:49

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

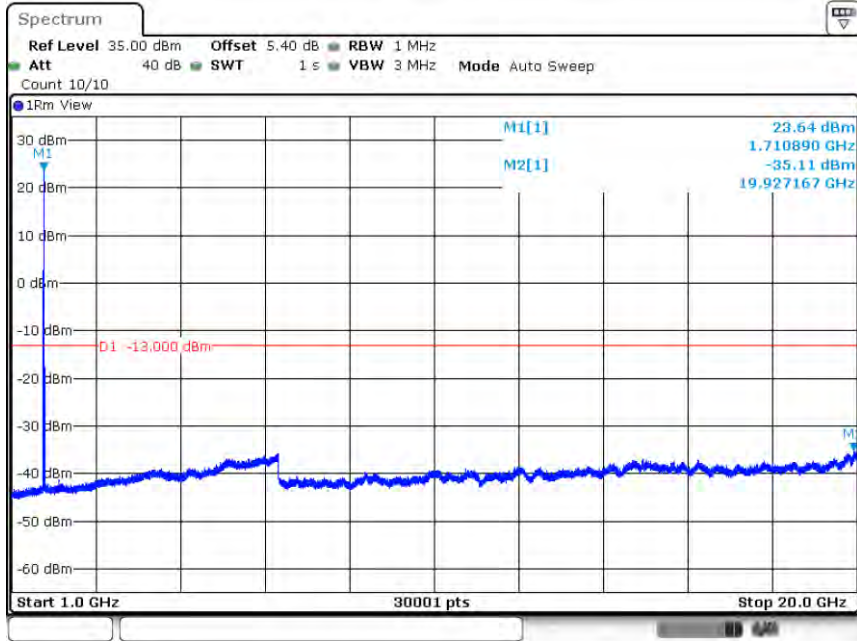


Date: 11.OCT.2020 19:17:35



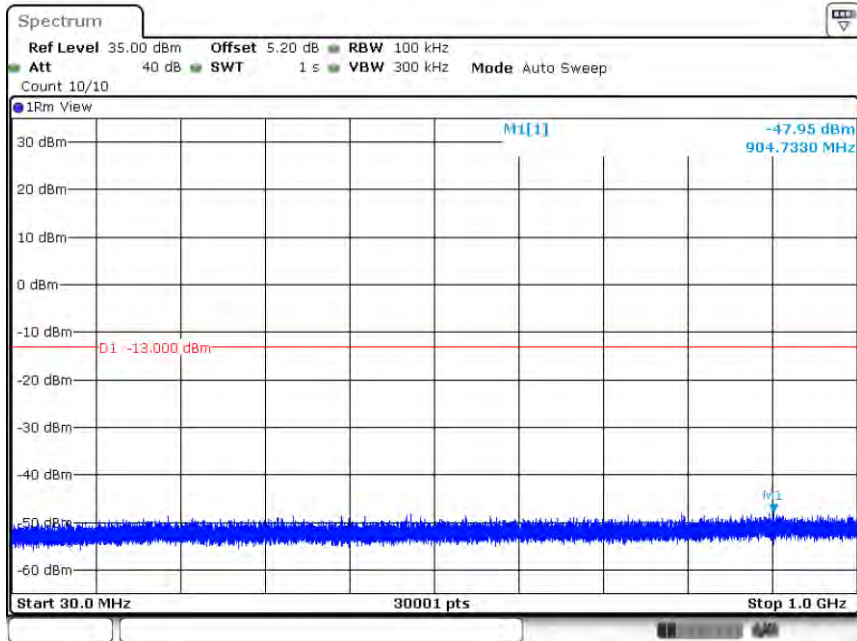
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Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz



Date: 11.OCT.2020 19:17:52

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

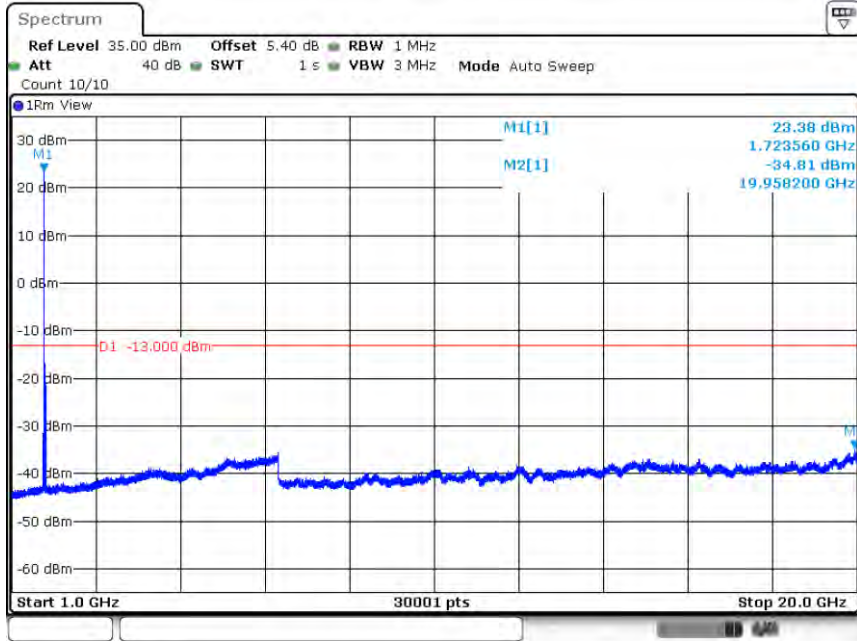


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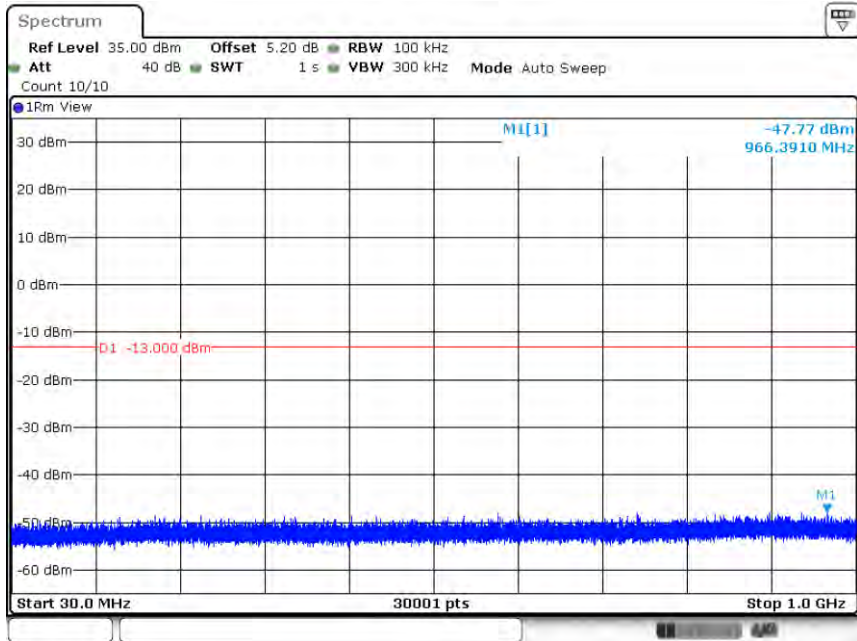
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Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



Date: 11.OCT.2020 19:19:10

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

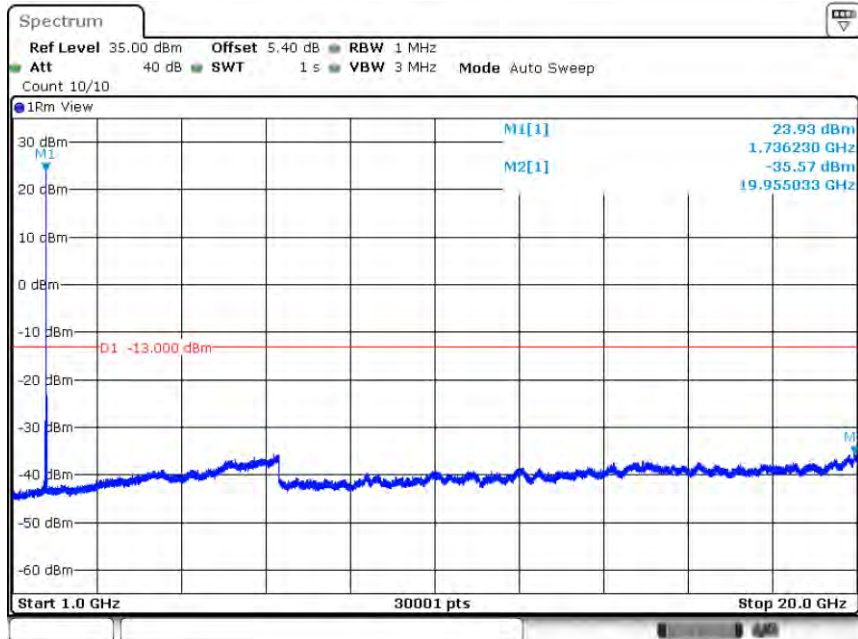


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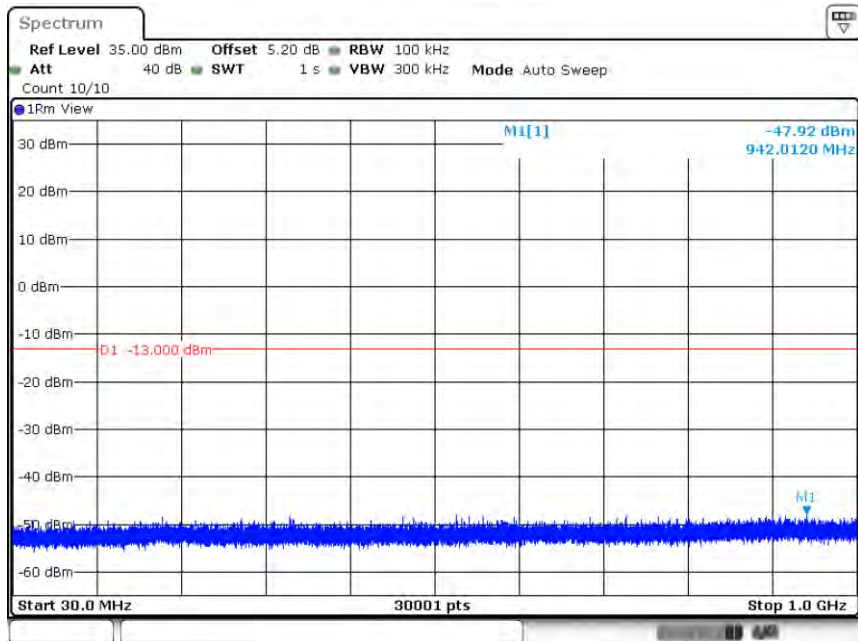
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Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~20000MHz



Date: 11.OCT.2020 19:20:28

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

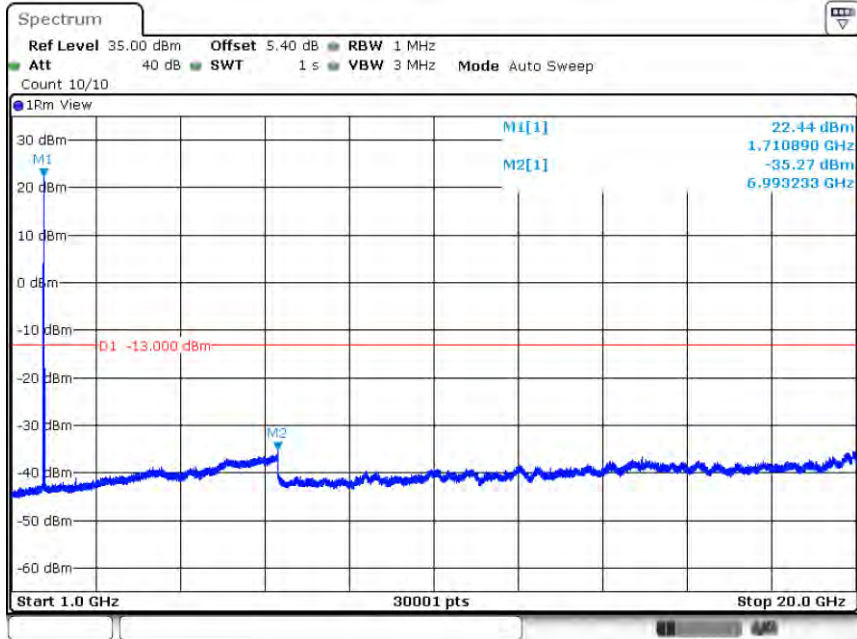


Date: 14.OCT.2020 10:53:45



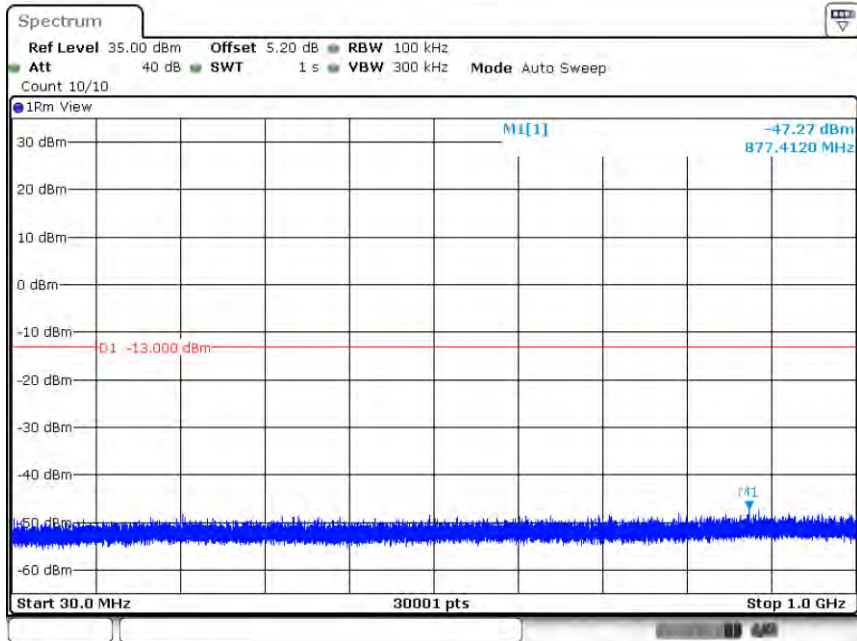
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Band4-20MHz-64QAM-20050-1RB#0-Range2:1000~20000MHz



Date: 14.OCT.2020 10:54:02

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

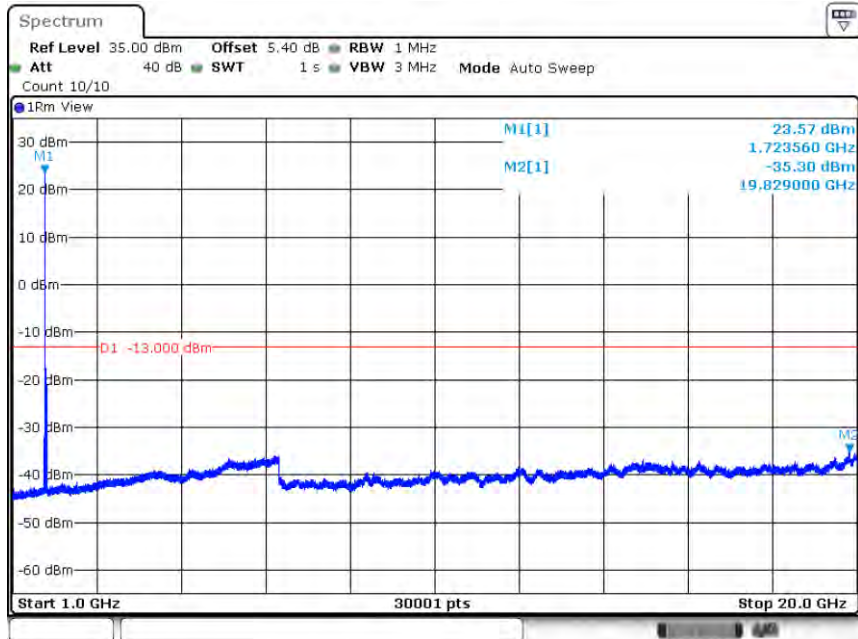


Date: 14.OCT.2020 10:54:24



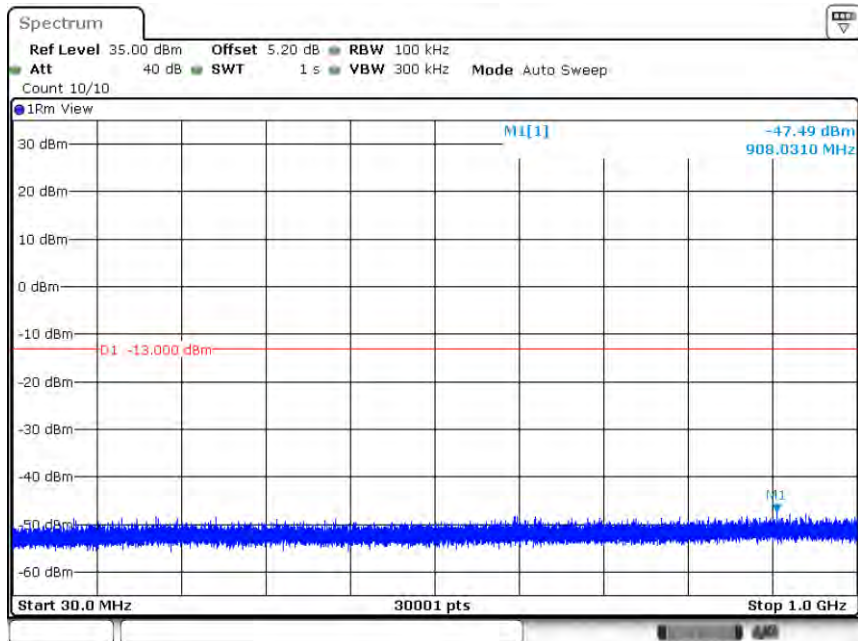
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Band4-20MHz-64QAM-20175-1RB#0-Range2:1000~20000MHz



Date: 14.OCT.2020 10:54:41

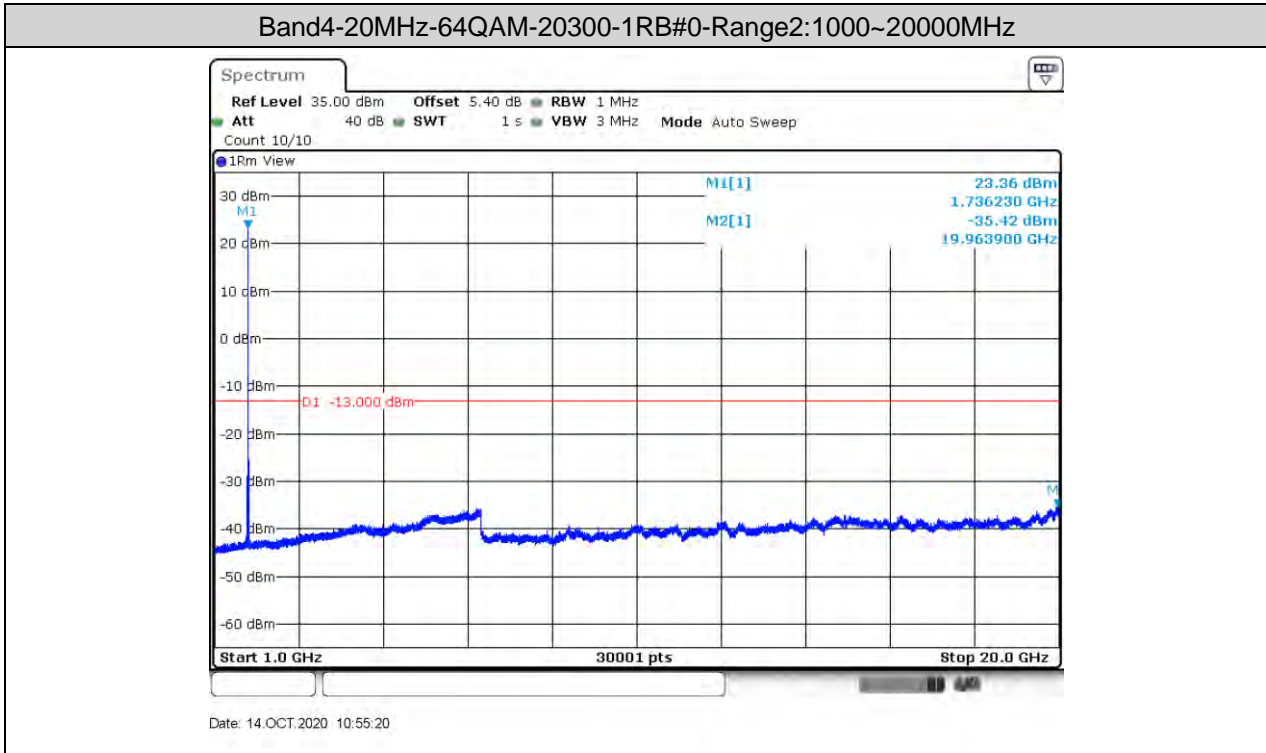
Band4-20MHz-64QAM-20300-1RB#0-Range1:30~1000MHz



Date: 14.OCT.2020 10:55:03



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7 Field Strength of Spurious Radiation

7.1 Test Mode =LTE/TM1 20MHz(Ant1)

7.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.1455	-75.41	-13.00	62.41	Vertical
111.4841	-65.23	-13.00	52.23	Vertical
449.7885	-67.58	-13.00	54.58	Vertical
3422.0141	-61.90	-13.00	48.90	Vertical
7414.6472	-56.37	-13.00	43.37	Vertical
17999.5000	-40.72	-13.00	27.72	Vertical
46.2483	-64.10	-13.00	51.10	Horizontal
104.6937	-75.91	-13.00	62.91	Horizontal
238.1239	-68.68	-13.00	55.68	Horizontal
3640.5214	-61.33	-13.00	48.33	Horizontal
7450.6484	-56.61	-13.00	43.61	Horizontal
16400.4467	-43.11	-13.00	30.11	Horizontal

7.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.9700	-75.33	-13.00	62.33	Vertical
114.8307	-65.35	-13.00	52.35	Vertical
369.6140	-68.25	-13.00	55.25	Vertical
3733.5245	-62.35	-13.00	49.35	Vertical
7349.6450	-56.31	-13.00	43.31	Vertical
17997.9999	-40.46	-13.00	27.46	Vertical
43.1927	-64.97	-13.00	51.97	Horizontal
78.1144	-76.38	-13.00	63.38	Horizontal
228.5204	-68.88	-13.00	55.88	Horizontal
3630.0210	-61.14	-13.00	48.14	Horizontal
7459.1486	-56.76	-13.00	43.76	Horizontal
16394.4465	-44.04	-13.00	31.04	Horizontal



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7.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.2611	-75.84	-13.00	62.84	Vertical
112.1631	-64.95	-13.00	51.95	Vertical
348.5639	-68.34	-13.00	55.34	Vertical
3573.0191	-62.25	-13.00	49.25	Vertical
7404.1468	-56.18	-13.00	43.18	Vertical
17999.0000	-40.61	-13.00	27.61	Vertical
39.3610	-64.15	-13.00	51.15	Horizontal
89.5125	-76.38	-13.00	63.38	Horizontal
230.4120	-68.87	-13.00	55.87	Horizontal
3637.5213	-61.26	-13.00	48.26	Horizontal
7338.1446	-57.00	-13.00	44.00	Horizontal
16387.9463	-43.65	-13.00	30.65	Horizontal

7.2 Test Mode =LTE/TM1 20MHz(Ant2)

7.2.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.3581	-75.20	-13.00	62.20	Vertical
115.2673	-65.97	-13.00	52.97	Vertical
519.8260	-66.86	-13.00	53.86	Vertical
3742.0247	-61.97	-13.00	48.97	Vertical
7358.6453	-55.90	-13.00	42.90	Vertical
17996.4999	-40.37	-13.00	27.37	Vertical
43.2897	-63.59	-13.00	50.59	Horizontal
98.6794	-75.59	-13.00	62.59	Horizontal
239.0940	-68.86	-13.00	55.86	Horizontal
3655.0218	-61.40	-13.00	48.40	Horizontal
7394.1465	-56.39	-13.00	43.39	Horizontal
16394.9465	-42.74	-13.00	29.74	Horizontal



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7.2.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
110.0775	-64.71	-13.00	51.71	Vertical
597.4784	-64.59	-13.00	51.59	Vertical
2699.5399	-36.91	-13.00	23.91	Vertical
7342.1447	-56.23	-13.00	43.23	Vertical
14479.8827	-48.05	-13.00	35.05	Vertical
17998.5000	-40.48	-13.00	27.48	Vertical
45.0843	-64.57	-13.00	51.57	Horizontal
242.4406	-69.09	-13.00	56.09	Horizontal
631.4301	-63.51	-13.00	50.51	Horizontal
2709.1418	-35.66	-13.00	22.66	Horizontal
7360.6454	-56.90	-13.00	43.90	Horizontal
16400.4467	-43.82	-13.00	30.82	Horizontal

7.2.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.9215	-75.37	-13.00	62.37	Vertical
114.3457	-65.09	-13.00	52.09	Vertical
302.4866	-69.70	-13.00	56.70	Vertical
5111.5704	-62.11	-13.00	49.11	Vertical
7403.6468	-56.37	-13.00	43.37	Vertical
17996.4999	-40.39	-13.00	27.39	Vertical
44.5022	-64.19	-13.00	51.19	Horizontal
81.3641	-75.62	-13.00	62.62	Horizontal
247.7759	-68.57	-13.00	55.57	Horizontal
3632.5211	-61.52	-13.00	48.52	Horizontal
7368.1456	-56.84	-13.00	43.84	Horizontal
16389.9463	-44.14	-13.00	31.14	Horizontal

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be 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		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	7.50	0.004360	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	1.10	0.000640	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	0.80	0.000465	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	3.60	0.002078	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	1.30	0.000750	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-1.30	-0.000750	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-1.00	-0.000573	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	1.00	0.000573	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	0.80	0.000458	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	3.90	0.002267	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	1.40	0.000814	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	1.90	0.001105	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	3.30	0.001905	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	1.00	0.000577	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	1.60	0.000924	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	-2.60	-0.001490	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-1.20	-0.000688	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	1.60	0.000917	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VL	NT	2.40	0.001395	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VN	NT	0.10	0.000058	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VH	NT	2.70	0.001570	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VL	NT	3.00	0.001732	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VN	NT	0.90	0.000519	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VH	NT	3.60	0.002078	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VL	NT	-4.80	-0.002751	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VN	NT	-2.20	-0.001261	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VH	NT	-5.50	-0.003152	±2.5	PASS



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8.2 Frequency Vs Temperature

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	3.10	0.001802	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	2.10	0.001221	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-10	2.80	0.001628	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	2.00	0.001163	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	4.80	0.002791	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	3.00	0.001744	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	0.20	0.000116	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	1.90	0.001105	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	3.10	0.001802	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-1.00	-0.000577	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	0.30	0.000173	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	1.00	0.000577	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	1.70	0.000981	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-0.70	-0.000404	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	0.30	0.000173	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	1.40	0.000808	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	2.60	0.001501	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	3.40	0.001962	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-0.80	-0.000458	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-2.70	-0.001547	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-10	-0.80	-0.000458	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-3.30	-0.001891	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-0.70	-0.000401	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-1.90	-0.001089	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	0.00	0.000000	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-1.20	-0.000688	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-2.00	-0.001146	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	3.10	0.001802	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	3.70	0.002151	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-10	-0.70	-0.000407	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	2.90	0.001686	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	6.20	0.003605	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	3.60	0.002093	±2.5	PASS



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Band4	20MHz	16QAM	20050	100RB#0	NV	30	-0.30	-0.000174	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	0.70	0.000407	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	3.30	0.001919	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	1.00	0.000577	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	2.80	0.001616	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-10	-0.90	-0.000519	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	2.40	0.001385	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	1.90	0.001097	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	-0.50	-0.000289	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	4.50	0.002597	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	0.20	0.000115	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	1.80	0.001039	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-2.50	-0.001433	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-2.30	-0.001318	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-10	-1.70	-0.000974	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-2.40	-0.001375	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-3.70	-0.002120	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-0.40	-0.000229	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	1.30	0.000745	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	-2.30	-0.001318	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-1.80	-0.001032	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-30	4.40	0.002558	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-20	-1.30	-0.000756	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-10	3.20	0.001860	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	0	4.10	0.002384	±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	2.30	0.001337	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	30	-0.20	-0.000116	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	40	2.90	0.001686	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	50	3.90	0.002267	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-30	1.80	0.001039	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-20	1.10	0.000635	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-10	0.60	0.000346	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	0	3.70	0.002136	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	10	2.30	0.001328	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	20	0.70	0.000404	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	30	1.30	0.000750	±2.5	PASS



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Band4	20MHz	64QAM	20175	100RB#0	NV	40	-1.20	-0.000693	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	50	2.50	0.001443	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-30	-0.80	-0.000458	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-20	-2.00	-0.001146	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-10	0.00	0.000000	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	0	-3.10	-0.001777	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	10	-5.20	-0.002980	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	20	-0.20	-0.000115	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	30	-0.90	-0.000516	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	40	-0.40	-0.000229	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	50	-2.60	-0.001490	±2.5	PASS

The End



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