



# Appendix B

## E-UTRA Band 4



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# 1 Effective (Isotropic) Radiated Power

## 1.1. Test Result for Down Ant

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#2	22.56	23.06	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.71	23.21	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	22.67	23.17	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.67	23.17	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.86	23.36	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.76	23.26	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.88	22.38	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.75	23.25	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.85	23.35	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.70	23.20	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.82	23.32	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.83	23.33	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.87	23.37	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.81	22.31	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.67	23.17	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.85	23.35	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.73	23.23	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.72	23.22	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.83	23.33	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.76	23.26	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.74	22.24	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	21.09	21.59	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	21.43	21.93	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	21.31	21.81	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	21.26	21.76	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	21.24	21.74	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	21.42	21.92	30.00	PASS



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Band4	1.4MHz	64QAM	19957	6RB#0	20.27	20.77	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	20.91	21.41	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	21.07	21.57	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	21.17	21.67	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	20.99	21.49	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	21.16	21.66	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	21.28	21.78	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	21.26	21.76	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	20.75	21.25	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	21.12	21.62	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	21.22	21.72	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	21.34	21.84	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	21.17	21.67	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	21.17	21.67	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	21.29	21.79	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.84	22.34	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.88	22.38	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.86	22.36	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.70	22.20	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.84	22.34	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.84	22.34	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.83	21.33	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.83	22.33	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.90	22.40	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.97	22.47	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.80	22.30	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.97	22.47	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.96	22.46	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.91	21.41	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.15	22.65	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.46	22.96	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.65	22.15	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.79	22.29	30.00	PASS



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Band4	1.4MHz	16QAM	20393	3RB#1	21.82	22.32	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.87	22.37	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.75	21.25	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.64	23.14	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.70	23.20	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.78	23.28	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.88	22.38	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.88	22.38	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.91	22.41	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.88	22.38	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.69	23.19	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.97	23.47	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.95	23.45	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.91	22.41	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.92	22.42	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.95	22.45	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.92	22.42	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.82	23.32	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.72	23.22	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.86	23.36	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.79	22.29	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.89	22.39	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.90	22.40	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.88	22.38	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	20.83	21.33	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	21.07	21.57	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	20.99	21.49	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#0	20.17	20.67	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#4	20.18	20.68	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#7	20.20	20.70	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	20.13	20.63	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	20.88	21.38	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	21.06	21.56	30.00	PASS



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Band4	3MHz	64QAM	20175	1RB#8	21.14	21.64	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#0	21.23	21.73	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#7	20.16	20.66	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#4	20.16	20.66	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	20.21	20.71	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	20.93	21.43	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	20.60	21.10	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	20.93	21.43	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#7	20.84	21.34	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#0	20.14	20.64	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#4	20.13	20.63	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	20.07	20.57	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.91	22.41	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.93	22.43	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.10	22.60	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.84	21.34	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.02	21.52	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.02	21.52	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.93	21.43	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.06	22.56	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.99	22.49	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.11	22.61	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.97	21.47	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.06	21.56	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.97	21.47	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.88	21.38	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.01	22.51	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.61	23.11	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.87	22.37	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.95	21.45	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.89	21.39	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.93	21.43	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.93	21.43	30.00	PASS



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Band4	5MHz	QPSK	19975	1RB#12	22.64	23.14	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.65	23.15	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.72	23.22	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.79	22.29	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.88	22.38	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.94	22.44	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.83	22.33	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.69	23.19	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.97	23.47	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.94	23.44	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.84	22.34	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.84	22.34	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.93	22.43	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.90	22.40	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.70	23.20	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.93	23.43	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.88	23.38	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.84	22.34	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.96	22.46	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.89	22.39	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.85	22.35	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	21.55	22.05	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	21.24	21.74	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	21.39	21.89	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#0	20.23	20.73	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#13	20.20	20.70	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#6	20.28	20.78	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	20.20	20.70	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	20.97	21.47	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	21.01	21.51	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	21.20	21.70	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#0	20.74	21.24	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#6	20.27	20.77	30.00	PASS



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Band4	5MHz	64QAM	20175	12RB#13	20.37	20.87	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	20.29	20.79	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	20.93	21.43	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	21.80	22.30	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	21.34	21.84	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#13	20.99	21.49	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#6	20.26	20.76	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#0	20.41	20.91	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	20.34	20.84	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.97	22.47	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.03	22.53	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.99	22.49	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.80	21.30	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.97	21.47	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.90	21.40	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.89	21.39	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.97	22.47	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.16	22.66	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.74	22.24	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.91	21.41	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.85	21.35	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.93	21.43	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.97	21.47	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.91	22.41	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.38	22.88	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.98	22.48	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.98	21.48	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.93	21.43	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.96	21.46	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.93	21.43	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.47	22.97	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.78	23.28	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.61	23.11	30.00	PASS



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Band4	10MHz	QPSK	20000	25RB#0	21.75	22.25	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.96	22.46	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.02	22.52	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.98	22.48	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.93	23.43	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.73	23.23	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.86	23.36	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.83	22.33	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.99	22.49	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.00	22.50	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.94	22.44	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.82	23.32	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.90	23.40	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.60	23.10	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.81	22.31	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.91	22.41	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.94	22.44	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.81	22.31	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	21.37	21.87	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	21.33	21.83	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	21.23	21.73	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#12	20.28	20.78	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#0	20.34	20.84	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#25	20.37	20.87	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	20.34	20.84	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	20.98	21.48	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	21.21	21.71	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	21.12	21.62	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#0	21.04	21.54	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#12	20.28	20.78	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#25	20.22	20.72	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	20.24	20.74	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	20.91	21.41	30.00	PASS



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Band4	10MHz	64QAM	20350	1RB#24	21.47	21.97	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	21.28	21.78	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#25	21.17	21.67	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#0	20.42	20.92	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#12	20.27	20.77	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	20.20	20.70	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.55	23.05	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.57	23.07	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.26	22.76	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.92	21.42	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.00	21.50	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.01	21.51	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.00	21.50	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.20	22.70	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.14	22.64	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.43	22.93	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.89	21.39	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.98	21.48	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.08	21.58	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.98	21.48	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.37	22.87	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.14	22.64	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.63	23.13	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.98	21.48	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.01	21.51	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.99	21.49	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.91	21.41	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.05	23.55	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.00	23.50	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.98	23.48	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#39	22.08	22.58	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#18	22.08	22.58	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#0	22.01	22.51	30.00	PASS



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Band4	15MHz	QPSK	20025	75RB#0	22.17	22.67	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.05	23.55	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.96	23.46	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.98	23.48	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#0	22.09	22.59	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#39	22.15	22.65	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#18	22.26	22.76	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.07	22.57	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.07	23.57	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.04	23.54	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.88	23.38	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#39	22.05	22.55	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#0	22.12	22.62	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#18	22.05	22.55	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.16	22.66	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	21.31	21.81	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	21.11	21.61	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	21.05	21.55	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#0	20.36	20.86	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#18	20.31	20.81	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#39	20.29	20.79	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	20.30	20.80	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	21.13	21.63	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	21.40	21.90	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	21.37	21.87	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#0	21.30	21.80	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#18	20.40	20.90	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#39	20.35	20.85	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	20.25	20.75	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	21.08	21.58	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	21.23	21.73	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	21.07	21.57	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#0	21.15	21.65	30.00	PASS



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Band4	15MHz	64QAM	20325	36RB#18	20.24	20.74	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#39	20.32	20.82	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	20.19	20.69	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.16	22.66	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.68	23.18	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.59	23.09	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#0	21.15	21.65	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#18	21.20	21.70	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#39	21.23	21.73	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.11	21.61	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.52	23.02	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.16	22.66	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.20	22.70	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#0	21.13	21.63	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#18	21.12	21.62	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#39	21.15	21.65	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.13	21.63	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.31	22.81	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.34	22.84	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.70	23.20	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#39	21.20	21.70	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#0	21.15	21.65	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#18	21.06	21.56	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.08	21.58	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.89	23.39	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.09	23.59	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.95	23.45	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.23	22.73	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.19	22.69	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.14	22.64	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.20	22.70	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.95	23.45	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.94	23.44	30.00	PASS



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Band4	20MHz	QPSK	20175	1RB#0	22.78	23.28	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.22	22.72	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.05	22.55	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.17	22.67	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.03	22.53	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.00	23.50	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.99	23.49	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.99	23.49	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.08	22.58	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.99	22.49	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.07	22.57	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.03	22.53	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	21.54	22.04	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	21.46	21.96	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	21.34	21.84	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#0	20.45	20.95	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#25	20.50	21.00	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#50	20.47	20.97	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	20.45	20.95	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	21.11	21.61	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	21.37	21.87	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	21.22	21.72	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#25	21.25	21.75	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#50	20.37	20.87	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#0	20.45	20.95	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	20.33	20.83	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	20.94	21.44	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	21.25	21.75	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	21.23	21.73	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#50	21.20	21.70	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#0	20.43	20.93	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#25	20.40	20.90	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	20.43	20.93	30.00	PASS



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Band4	20MHz	16QAM	20050	1RB#99	21.90	22.40	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.32	22.82	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.18	22.68	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.10	21.60	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.15	21.65	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.17	21.67	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.08	21.58	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.34	22.84	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.23	22.73	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.36	22.86	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.22	21.72	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.01	21.51	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.17	21.67	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.11	21.61	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.51	23.01	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.11	22.61	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.71	23.21	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.23	21.73	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.07	21.57	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.14	21.64	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.94	21.44	30.00	PASS

## 1.2. Test Result for Up Ant

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#2	22.09	22.59	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.16	22.66	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	22.25	22.75	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.29	22.79	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.27	22.77	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.28	22.78	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.59	22.09	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.15	22.65	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.19	22.69	30.00	PASS



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Band4	1.4MHz	QPSK	20175	1RB#0	22.21	22.71	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.15	22.65	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.28	22.78	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.12	22.62	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.28	21.78	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.16	22.66	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.36	22.86	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.31	22.81	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.30	22.80	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.38	22.88	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.36	22.86	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.15	21.65	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	20.68	21.18	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	20.70	21.20	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	20.55	21.05	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	20.36	20.86	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	20.46	20.96	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	20.41	20.91	30.00	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	19.47	19.97	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	20.26	20.76	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	20.52	21.02	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	20.47	20.97	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	20.41	20.91	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	20.43	20.93	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	20.41	20.91	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	20.29	20.79	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	20.22	20.72	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	20.25	20.75	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	20.49	20.99	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	20.29	20.79	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	20.52	21.02	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	20.71	21.21	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	20.66	21.16	30.00	PASS



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Band4	1.4MHz	16QAM	19957	1RB#5	21.77	22.27	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.55	22.05	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.68	22.18	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.63	22.13	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.73	22.23	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.76	22.26	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.74	21.24	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.80	22.30	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.40	21.90	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.30	21.80	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.32	21.82	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.26	21.76	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.24	21.74	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.26	20.76	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.71	22.21	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.63	22.13	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.42	21.92	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.23	21.73	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.32	21.82	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.26	21.76	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.22	20.72	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.25	22.75	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.12	22.62	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.15	22.65	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.72	22.22	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.73	22.23	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.70	22.20	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.72	22.22	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.28	22.78	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.21	22.71	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.26	22.76	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.17	21.67	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.28	21.78	30.00	PASS



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Band4	3MHz	QPSK	20175	8RB#0	21.36	21.86	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.22	21.72	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.31	22.81	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.35	22.85	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.25	22.75	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.34	21.84	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.49	21.99	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.48	21.98	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.43	21.93	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	20.63	21.13	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	20.95	21.45	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	20.81	21.31	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#0	19.76	20.26	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#4	19.90	20.40	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#7	19.86	20.36	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	19.87	20.37	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	20.33	20.83	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	20.13	20.63	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	20.01	20.51	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#0	20.26	20.76	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#7	19.11	19.61	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#4	19.26	19.76	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	19.14	19.64	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	20.46	20.96	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	20.15	20.65	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	20.19	20.69	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#7	20.06	20.56	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#0	20.14	20.64	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#4	19.08	19.58	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	19.02	19.52	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.61	22.11	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.52	22.02	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.49	21.99	30.00	PASS



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Band4	3MHz	16QAM	19965	8RB#7	20.66	21.16	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.86	21.36	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.83	21.33	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.84	21.34	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.43	21.93	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.26	21.76	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.49	21.99	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.37	20.87	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.47	20.97	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.40	20.90	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.33	20.83	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.56	22.06	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.46	21.96	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.46	21.96	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.36	20.86	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.58	21.08	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.46	20.96	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.46	20.96	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.39	22.89	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.38	22.88	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.23	22.73	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.25	21.75	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.28	21.78	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.25	21.75	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.28	21.78	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.13	22.63	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.29	22.79	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.24	22.74	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.28	21.78	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.29	21.79	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.35	21.85	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.19	21.69	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.18	22.68	30.00	PASS



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Band4	5MHz	QPSK	20375	1RB#0	22.23	22.73	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.27	22.77	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.41	21.91	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.43	21.93	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.45	21.95	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.46	21.96	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	20.20	20.70	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	21.04	21.54	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	20.65	21.15	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#0	19.38	19.88	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#13	19.37	19.87	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#6	19.29	19.79	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	19.35	19.85	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	20.31	20.81	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	20.77	21.27	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	20.27	20.77	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#0	20.20	20.70	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#6	19.31	19.81	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#13	19.17	19.67	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	19.27	19.77	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	20.47	20.97	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	20.34	20.84	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	20.62	21.12	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#13	20.00	20.50	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#6	19.20	19.70	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#0	19.09	19.59	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	19.19	19.69	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.18	21.68	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.31	21.81	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.38	21.88	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.85	21.35	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.97	21.47	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.06	21.56	30.00	PASS



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Band4	5MHz	16QAM	19975	25RB#0	20.76	21.26	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.05	21.55	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.45	21.95	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.43	21.93	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.25	20.75	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.30	20.80	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.32	20.82	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.31	20.81	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.48	21.98	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.68	22.18	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.50	22.00	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.39	20.89	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.49	20.99	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.43	20.93	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.47	20.97	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.21	22.71	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.03	22.53	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.15	22.65	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.20	21.70	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.26	21.76	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.30	21.80	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.20	21.70	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.13	22.63	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.00	22.50	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.03	22.53	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.11	21.61	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.20	21.70	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.26	21.76	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.21	21.71	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.18	22.68	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.10	22.60	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.11	22.61	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.02	21.52	30.00	PASS



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Band4	10MHz	QPSK	20350	25RB#12	21.16	21.66	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.17	21.67	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.10	21.60	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	20.36	20.86	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	20.82	21.32	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	20.37	20.87	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#12	19.31	19.81	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#0	19.30	19.80	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#25	19.30	19.80	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	19.23	19.73	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	20.05	20.55	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	20.59	21.09	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	20.70	21.20	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#0	20.12	20.62	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#12	19.33	19.83	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#25	19.23	19.73	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	19.15	19.65	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	20.13	20.63	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	20.87	21.37	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	20.68	21.18	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#25	20.69	21.19	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#0	19.30	19.80	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#12	19.07	19.57	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	19.13	19.63	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.13	21.63	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.35	21.85	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.36	21.86	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.28	20.78	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.30	20.80	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.38	20.88	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.24	20.74	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.35	21.85	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.52	22.02	30.00	PASS



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Band4	10MHz	16QAM	20175	1RB#49	21.30	21.80	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.00	20.50	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.31	20.81	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.21	20.71	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.05	20.55	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.20	21.70	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.45	21.95	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.45	21.95	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.05	20.55	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.23	20.73	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.18	20.68	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.13	20.63	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.22	22.72	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.22	22.72	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.24	22.74	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#39	21.19	21.69	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#18	21.35	21.85	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#0	21.43	21.93	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.42	21.92	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.22	22.72	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.24	22.74	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.24	22.74	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#0	21.37	21.87	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#39	21.34	21.84	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#18	21.35	21.85	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.35	21.85	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.26	22.76	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.00	22.50	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.11	22.61	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#39	21.47	21.97	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#0	21.32	21.82	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#18	21.28	21.78	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.30	21.80	30.00	PASS



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Band4	15MHz	64QAM	20025	1RB#74	20.21	20.71	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	20.47	20.97	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	20.20	20.70	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#0	19.37	19.87	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#18	19.32	19.82	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#39	19.22	19.72	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	19.37	19.87	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	20.40	20.90	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	20.58	21.08	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	20.27	20.77	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#0	20.09	20.59	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#18	19.40	19.90	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#39	19.09	19.59	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	19.23	19.73	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	20.30	20.80	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	20.49	20.99	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	20.09	20.59	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#0	20.44	20.94	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#18	19.21	19.71	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#39	19.08	19.58	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	19.11	19.61	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.24	21.74	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.25	21.75	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.07	21.57	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#0	20.42	20.92	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#18	20.50	21.00	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#39	20.35	20.85	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.48	20.98	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.60	22.10	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.44	21.94	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.69	22.19	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#0	20.43	20.93	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#18	20.29	20.79	30.00	PASS



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Band4	15MHz	16QAM	20175	36RB#39	20.31	20.81	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.40	20.90	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.46	21.96	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.16	21.66	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.55	22.05	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#39	20.35	20.85	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#0	20.33	20.83	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#18	20.27	20.77	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.30	20.80	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.01	22.51	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.16	22.66	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.48	22.98	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.50	22.00	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.45	21.95	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.39	21.89	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.40	21.90	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.49	22.99	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.29	22.79	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.06	22.56	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.34	21.84	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.38	21.88	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.31	21.81	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.39	21.89	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.17	22.67	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.02	22.52	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.04	22.54	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.31	21.81	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.29	21.79	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.26	21.76	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.16	21.66	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	20.19	20.69	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	20.15	20.65	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	20.38	20.88	30.00	PASS



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Band4	20MHz	64QAM	20050	50RB#0	19.36	19.86	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#25	19.30	19.80	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#50	19.26	19.76	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	19.30	19.80	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	20.41	20.91	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	20.37	20.87	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	20.25	20.75	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#25	20.28	20.78	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#50	19.40	19.90	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#0	19.28	19.78	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	19.12	19.62	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	20.27	20.77	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	20.09	20.59	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	20.15	20.65	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#50	20.39	20.89	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#0	19.22	19.72	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#25	19.22	19.72	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	19.12	19.62	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.28	21.78	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.40	21.90	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.29	21.79	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.44	20.94	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.50	21.00	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.39	20.89	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.35	20.85	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.60	22.10	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.10	21.60	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.41	21.91	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.46	20.96	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.13	20.63	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.33	20.83	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.41	20.91	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.60	22.10	30.00	PASS



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Band4	20MHz	16QAM	20300	1RB#49	21.76	22.26	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.25	21.75	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.29	20.79	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.28	20.78	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.36	20.86	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.27	20.77	30.00	PASS

Remark:

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

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

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



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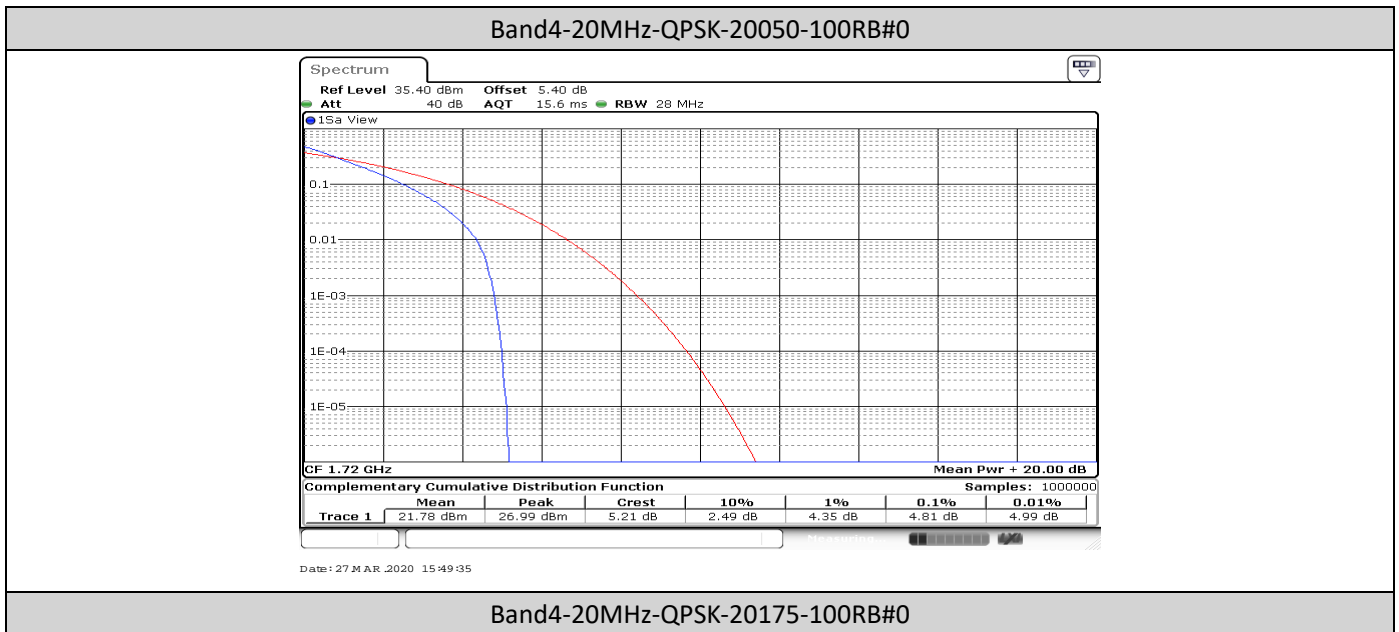


## 2. Peak-to-Average Ratio (CCDF)

### 2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	4.81	13.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.99	13.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.04	13.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.75	13.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.70	13.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.67	13.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.83	13.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.86	13.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.03	13.00	PASS

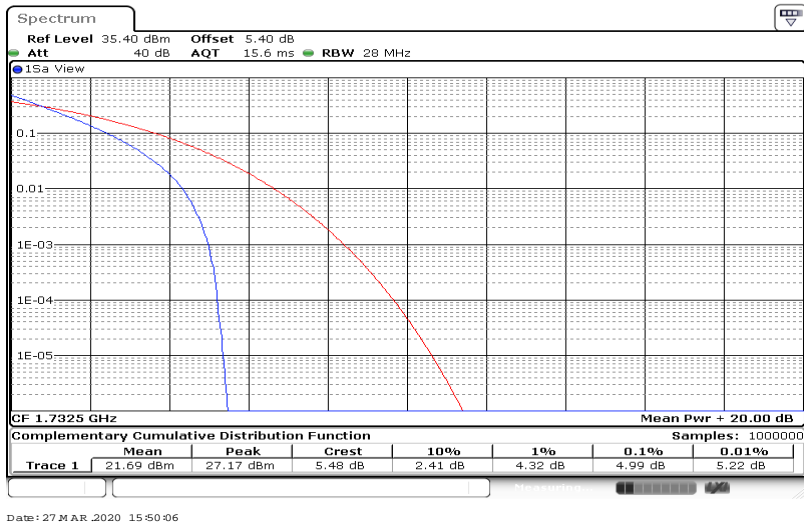
### 2.2. Test Plots



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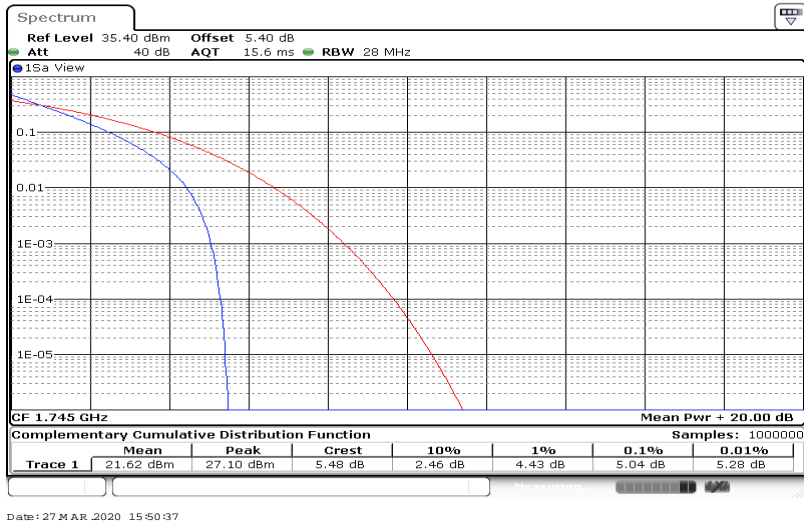
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Date: 27 MAR 2020 15:50:06

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



Date: 27 MAR 2020 15:50:37

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



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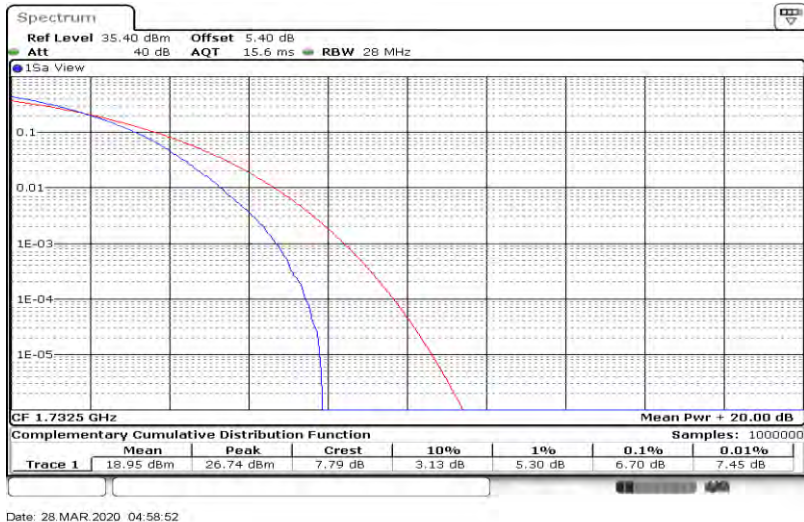
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Date: 28.MAR.2020 04:58:20

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



Date: 28.MAR.2020 04:58:52

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



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Date: 28.MAR.2020 04:59:23

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



Date: 28.MAR.2020 04:58:37

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



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Date: 28.MAR.2020 04:59:08

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



Date: 28.MAR.2020 04:59:40



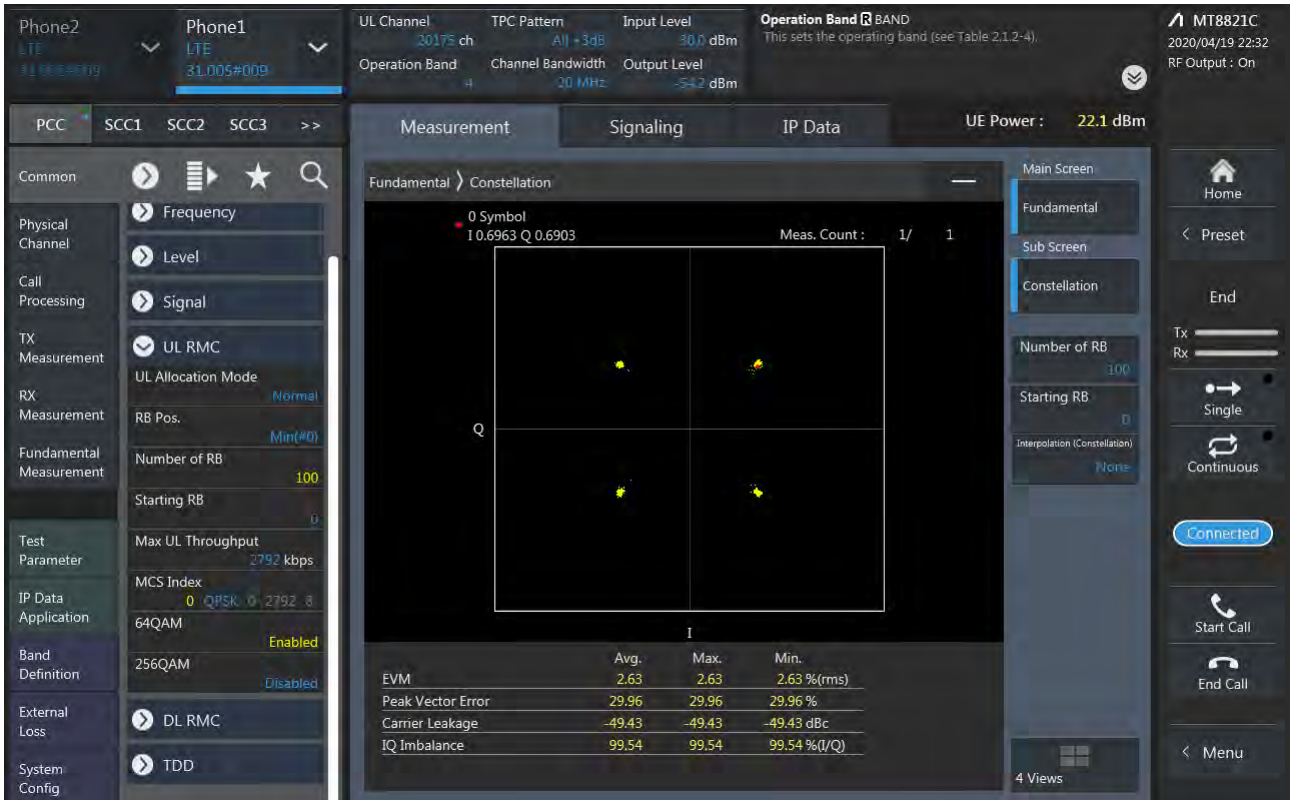
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### 3. Modulation Characteristics

#### 3.1. Test Mode = LTE /TM1 20MHz

##### 3.1.1. Test Channel = MCH

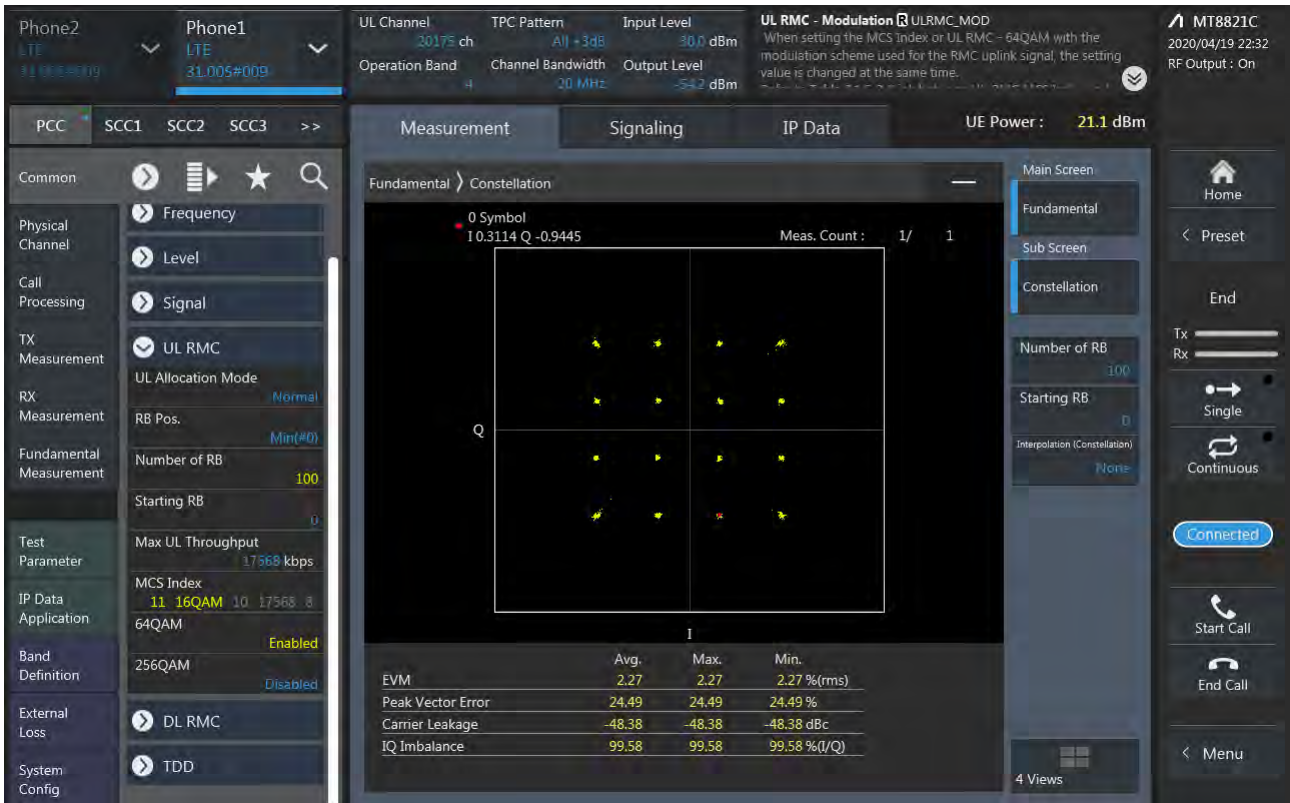


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### 3.2. Test Mode = LTE /TM2 20MHz

#### 3.2.1. Test Channel = MCH

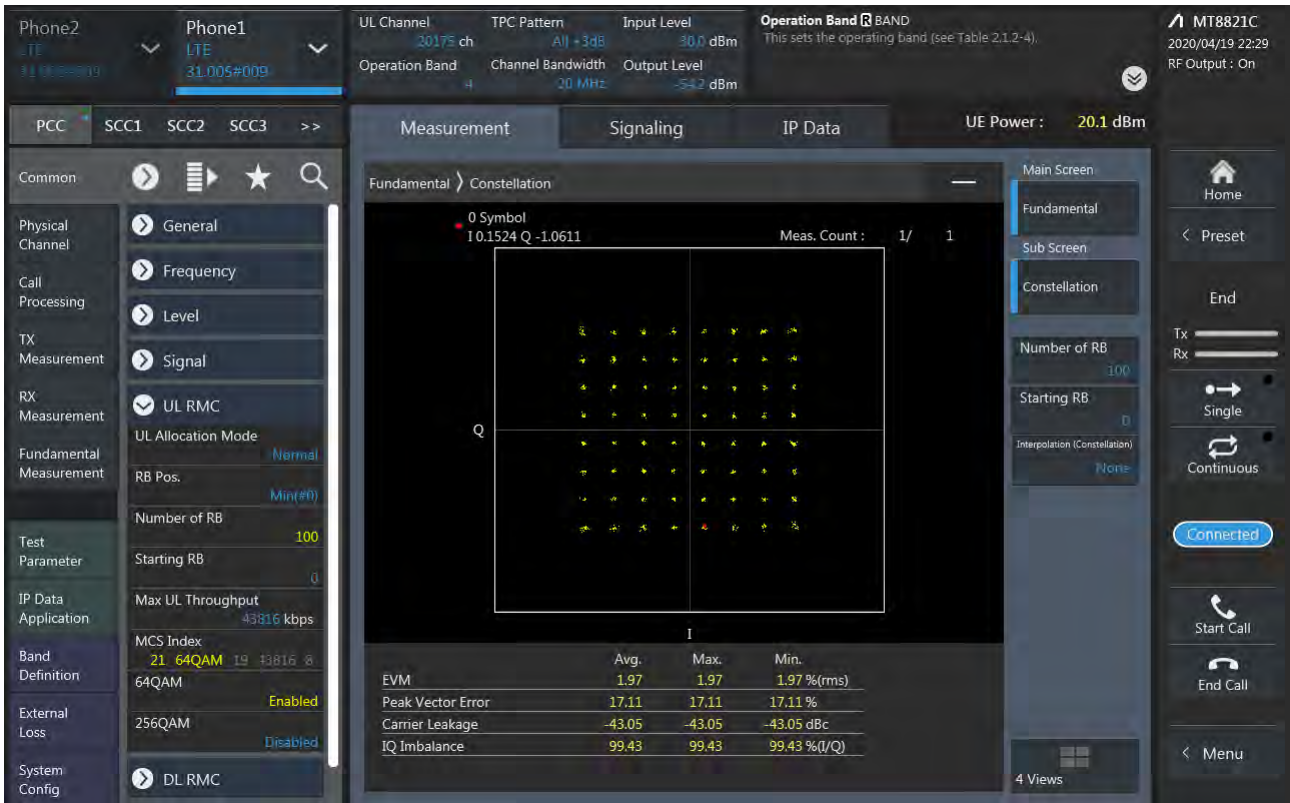


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### 3.3. Test Mode = LTE /TM3 20MHz

#### 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	1.085	1.236	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.091	1.227	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.088	1.236	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.094	1.239	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.091	1.236	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.091	1.242	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.091	1.242	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.094	1.227	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.088	1.230	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.697	3.018	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.697	3.000	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.697	3.012	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.691	2.994	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.685	2.988	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.685	2.994	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.685	2.982	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.685	2.982	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.685	2.976	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.466	4.900	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.466	4.910	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.466	4.870	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.466	4.890	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.466	4.890	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.466	4.890	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.486	4.920	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.486	4.910	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.486	4.920	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.931	9.640	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.931	9.640	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.931	9.640	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.911	9.640	PASS



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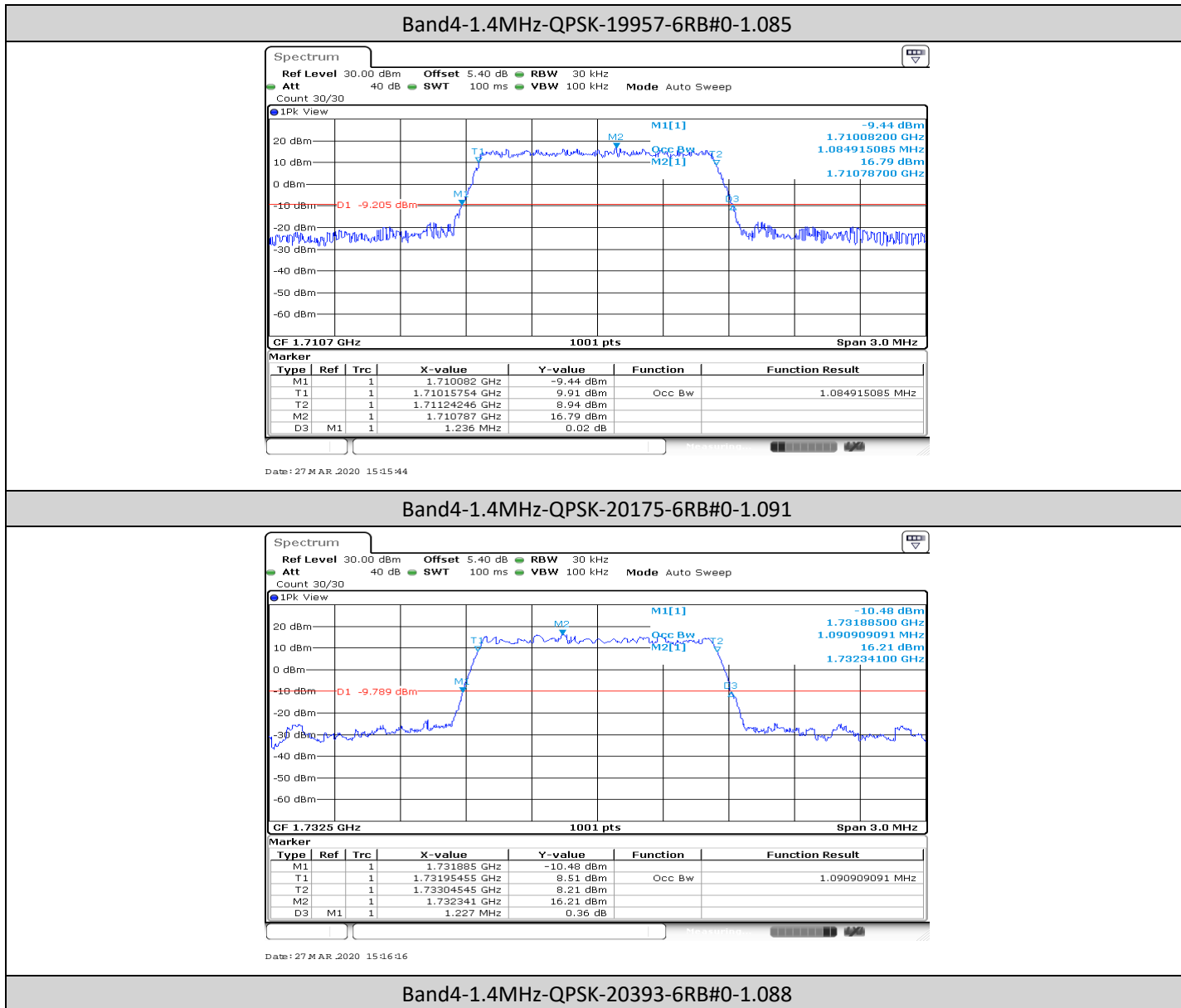
Band4	10MHz	64QAM	20175	50RB#0	8.911	9.580	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.911	9.640	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.911	9.720	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.911	9.660	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.911	9.680	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.457	14.700	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.457	14.730	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.457	14.760	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.457	14.760	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.427	14.730	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.427	14.790	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.457	14.700	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.457	14.670	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.457	14.730	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.902	19.440	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.862	19.360	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.862	19.400	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.862	19.480	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.822	19.480	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.862	19.440	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.902	19.320	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.822	19.400	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.902	19.400	PASS



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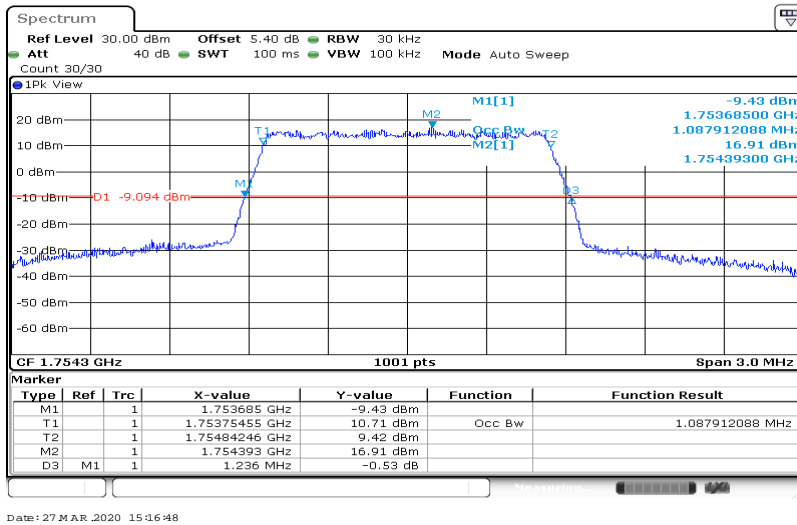
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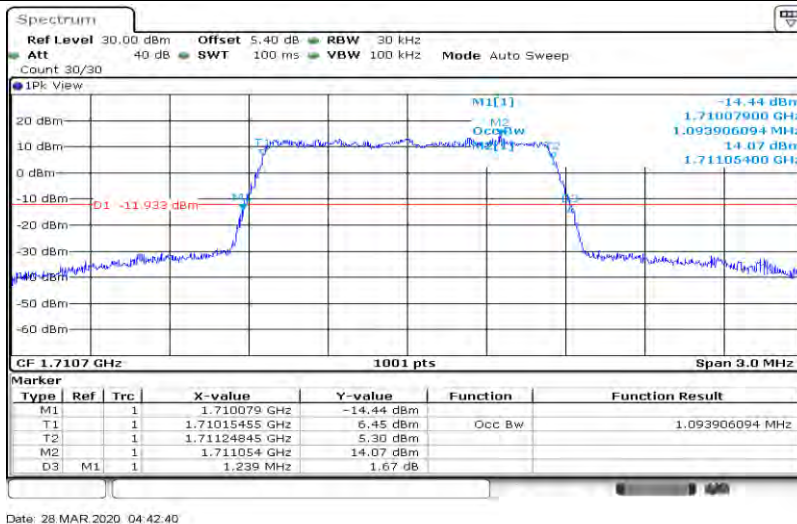
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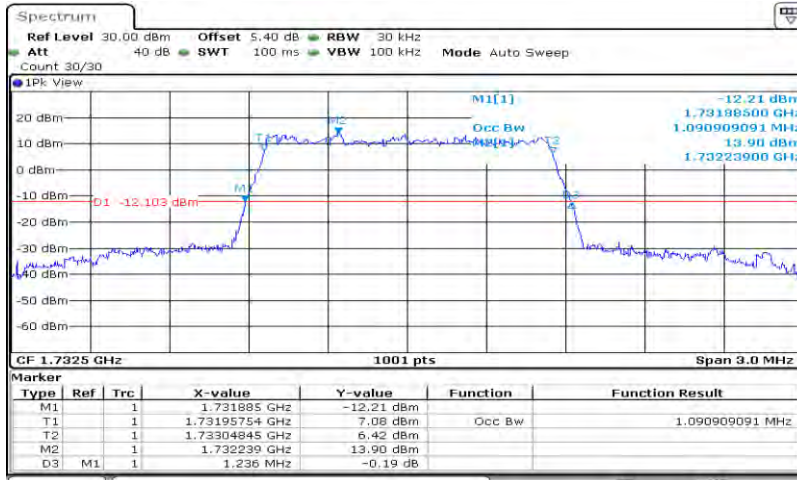
Band4-1.4MHz-64QAM-19957-6RB#0-1.094



Band4-1.4MHz-64QAM-20175-6RB#0-1.091

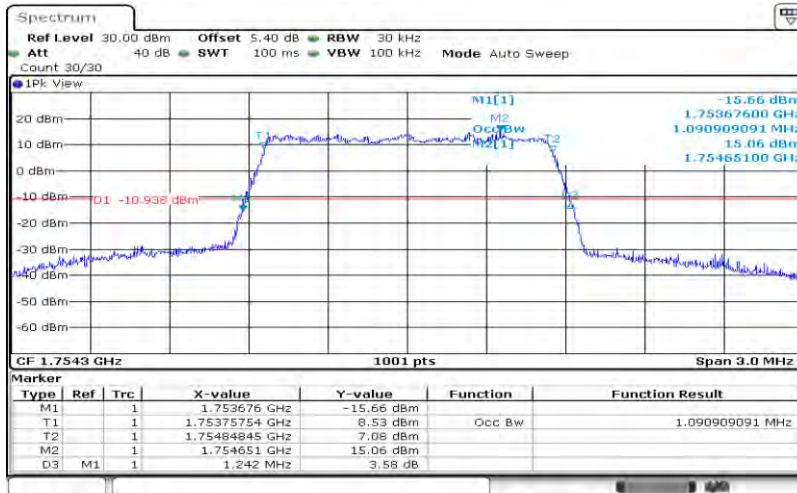


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Date: 28.MAR.2020 04:42:53

**Band4-1.4MHz-64QAM-20393-6RB#0-1.091**



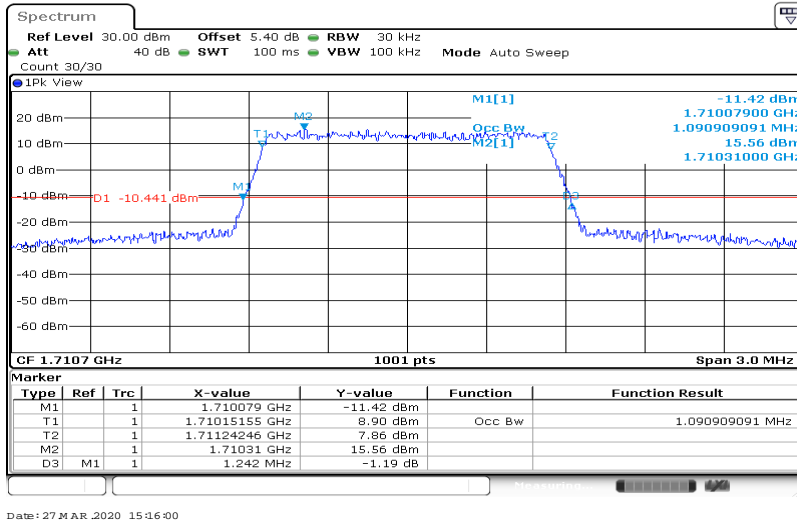
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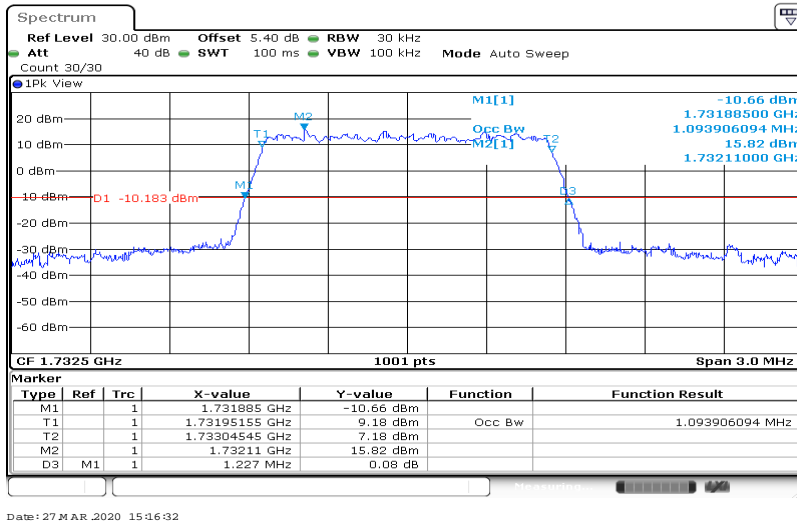


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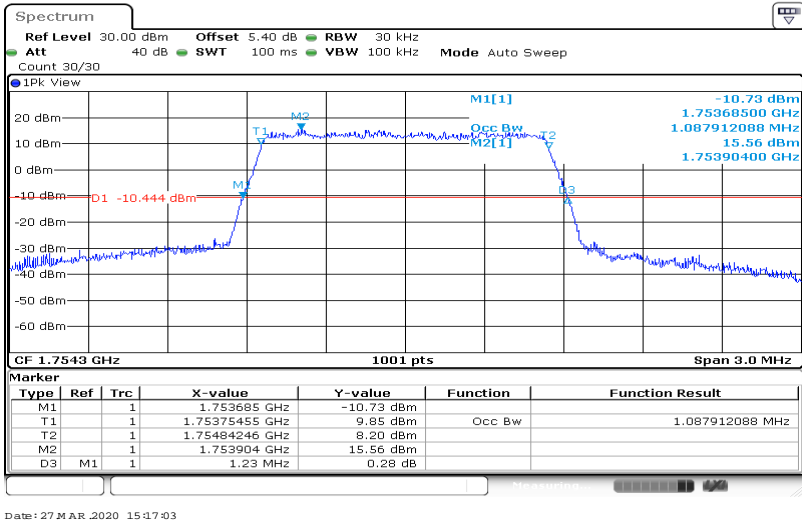
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**Band4-1.4MHz-16QAM-20393-6RB#0-1.088**

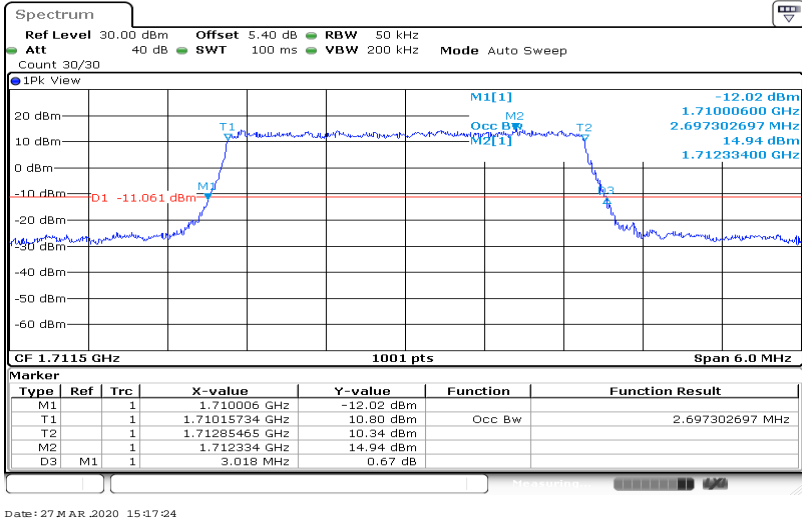


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Date: 27 MAR 2020 15:17:03

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

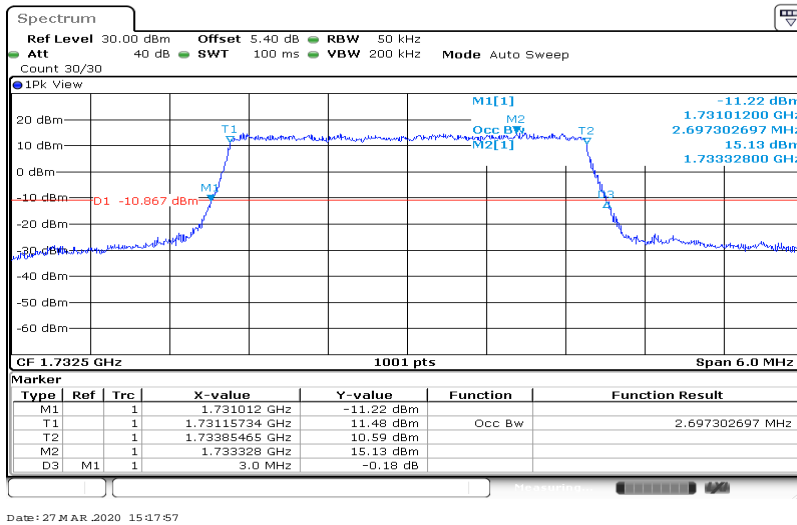


Date: 27 MAR 2020 15:17:24

**Band4-3MHz-QPSK-20175-15RB#0-2.697**

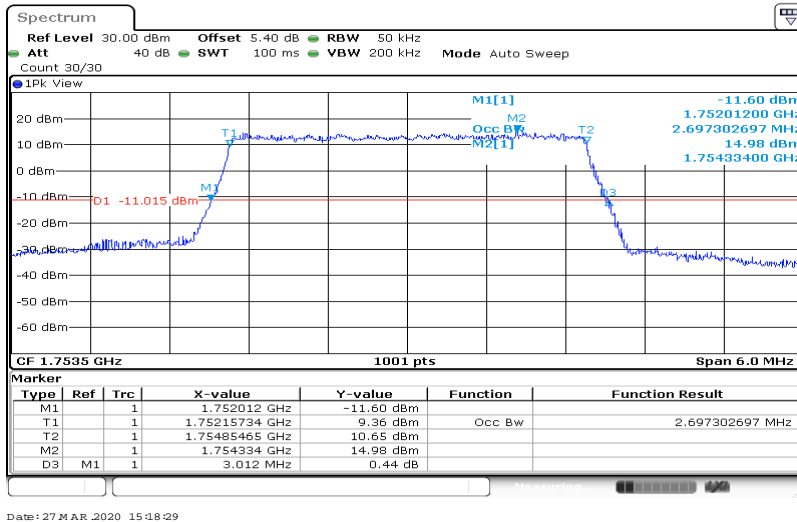


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Date: 27 MAR 2020 15:17:57

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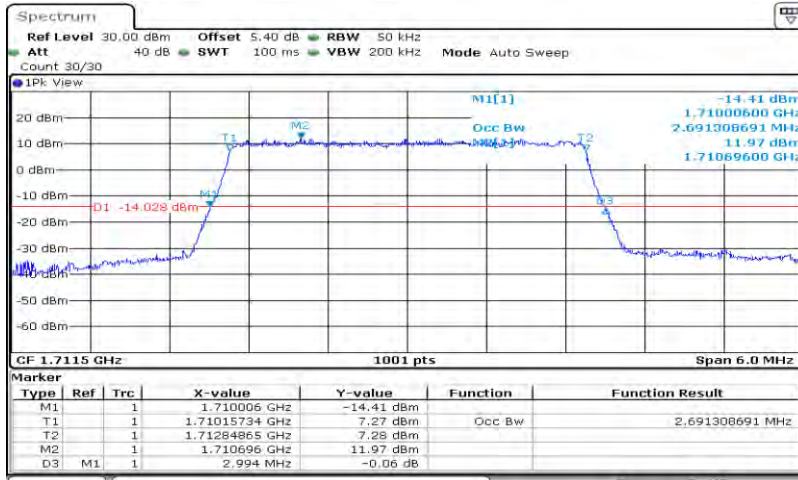


Date: 27 MAR 2020 15:18:29

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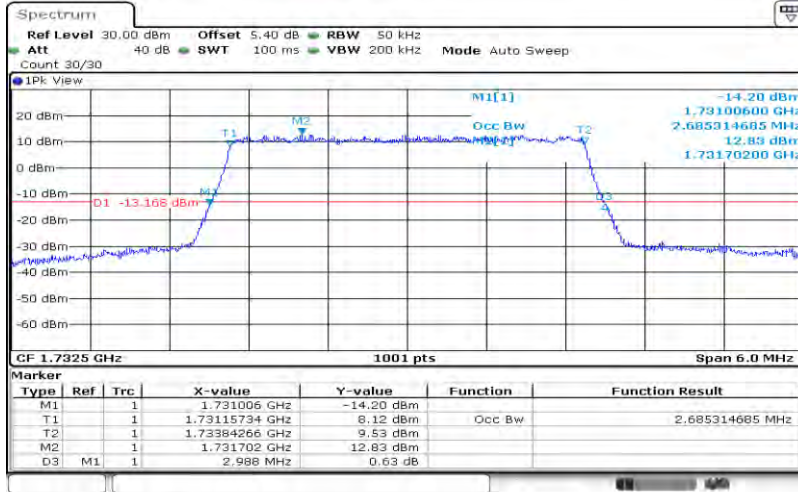


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Date: 28.MAR.2020 04:43:25

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

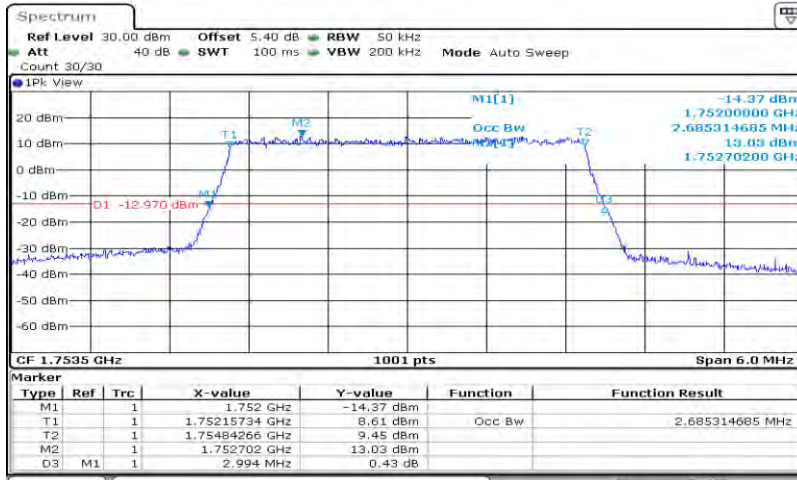


Date: 28.MAR.2020 04:43:38

**Band4-3MHz-64QAM-20385-15RB#0-2.685**

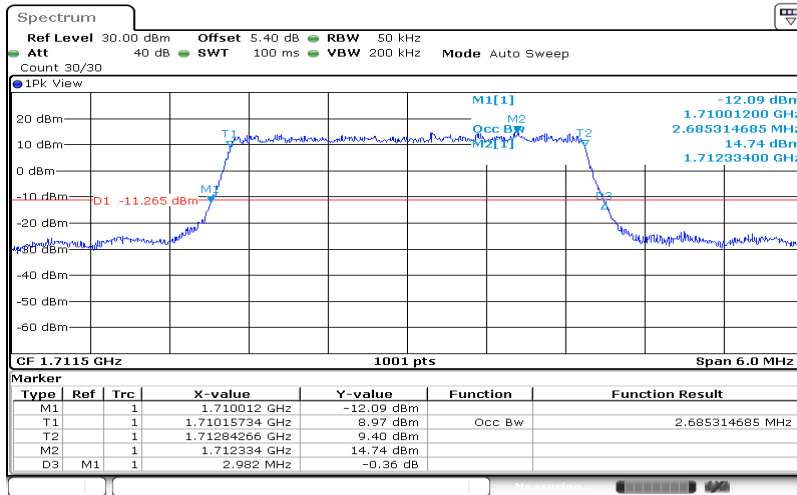


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Date: 28.MAR.2020 04:43:51

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

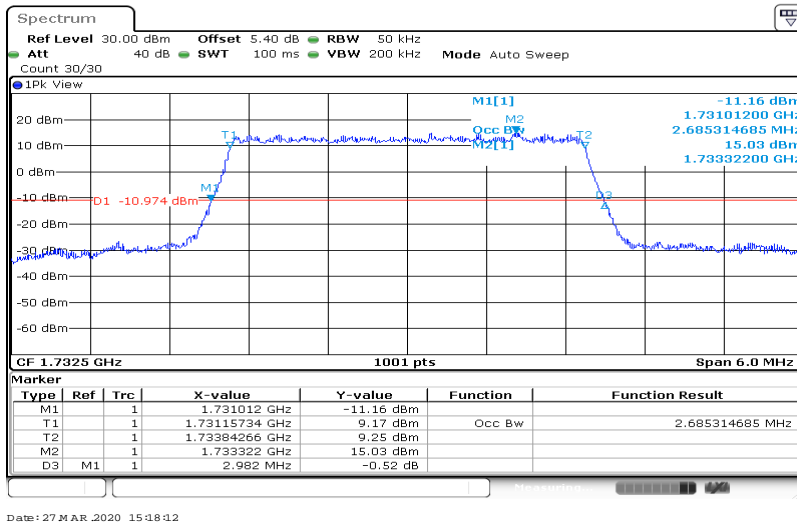


Date: 27.MAR.2020 15:17:40

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

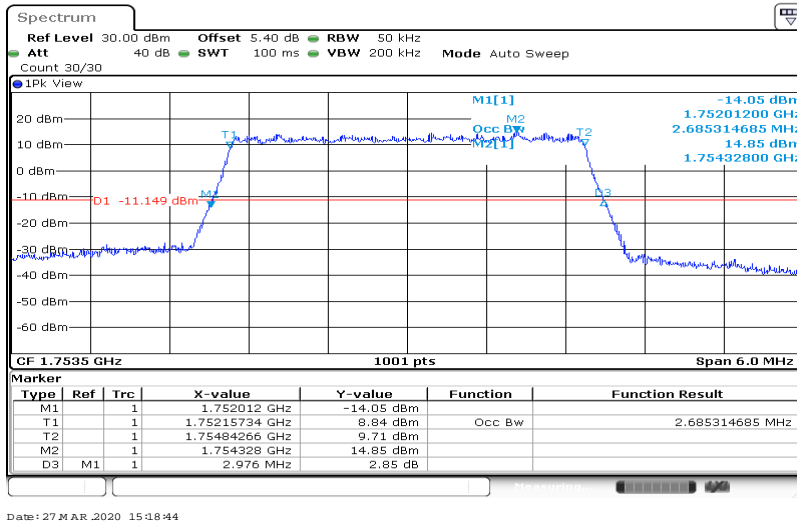


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Date: 27 MAR 2020 15:18:32

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

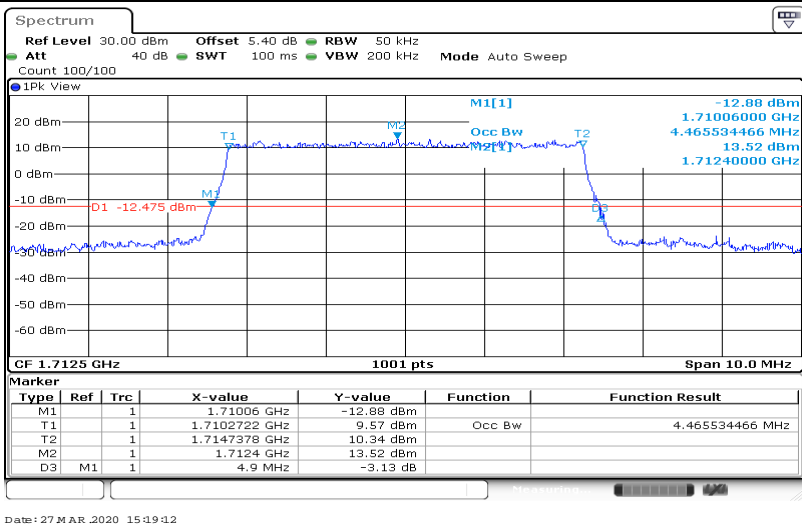


Date: 27 MAR 2020 15:18:44

**Band4-5MHz-QPSK-19975-25RB#0-4.466**

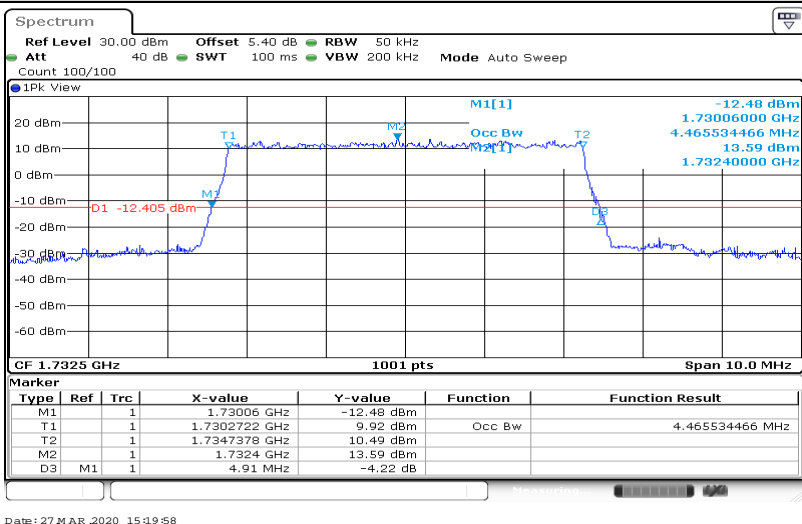


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Date: 27 MAR 2020 15:19:12

Band4-5MHz-QPSK-20175-25RB#0-4.466

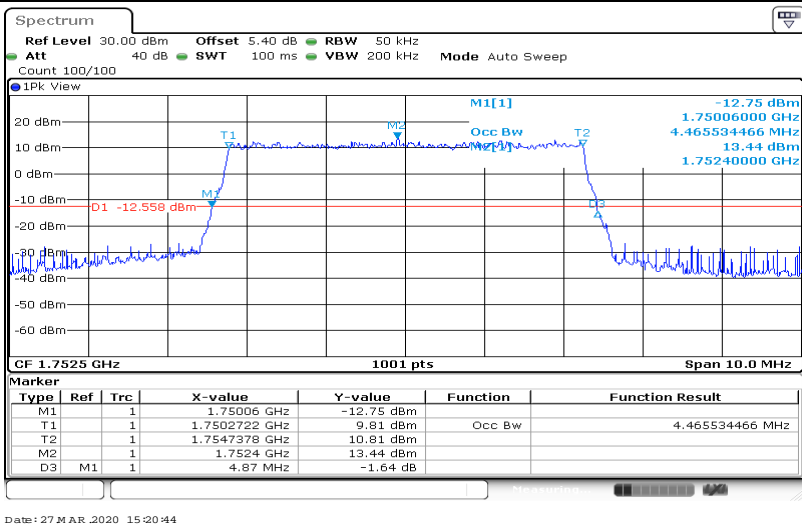


Date: 27 MAR 2020 15:19:58

Band4-5MHz-QPSK-20375-25RB#0-4.466

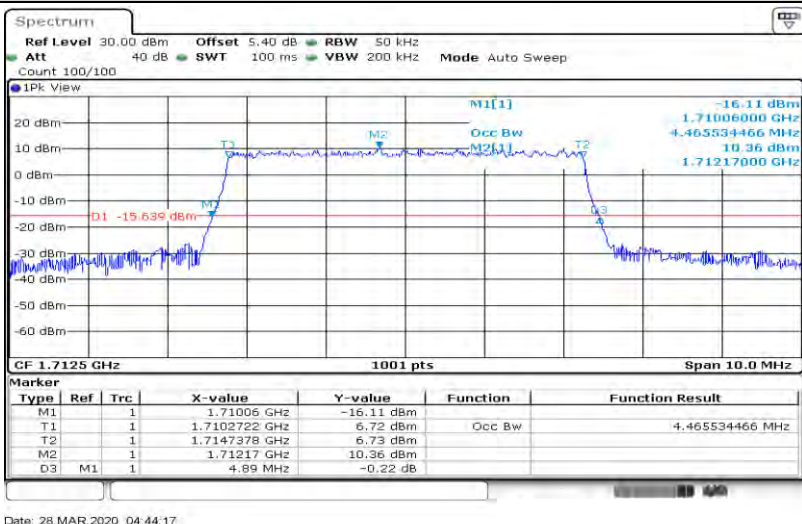


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Date: 27 MAR 2020 15:20:44

Band4-5MHz-64QAM-19975-25RB#0-4.466



Date: 28 MAR 2020 04:44:17

Band4-5MHz-64QAM-20175-25RB#0-4.466

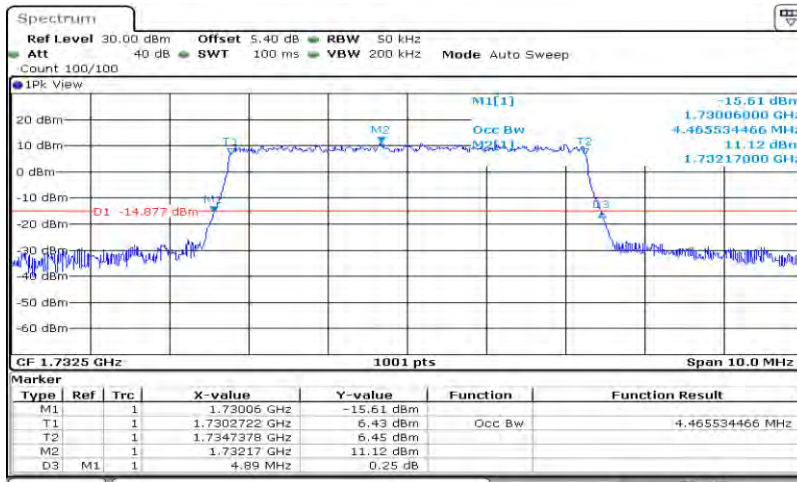


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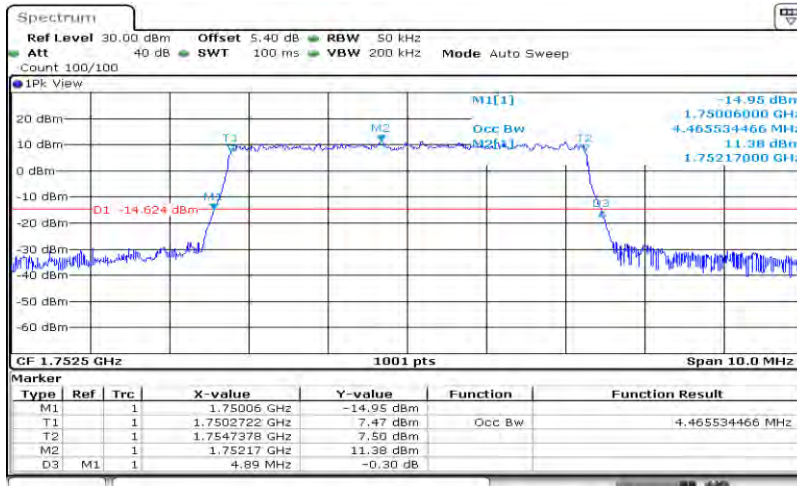
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Date: 28.MAR.2020 04:44:37

**Band4-5MHz-64QAM-20375-25RB#0-4.466**

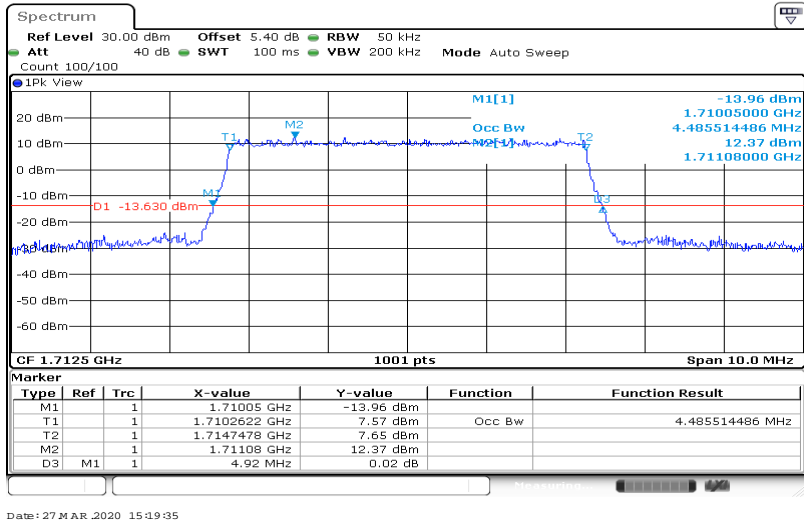


Date: 28.MAR.2020 04:44:57

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

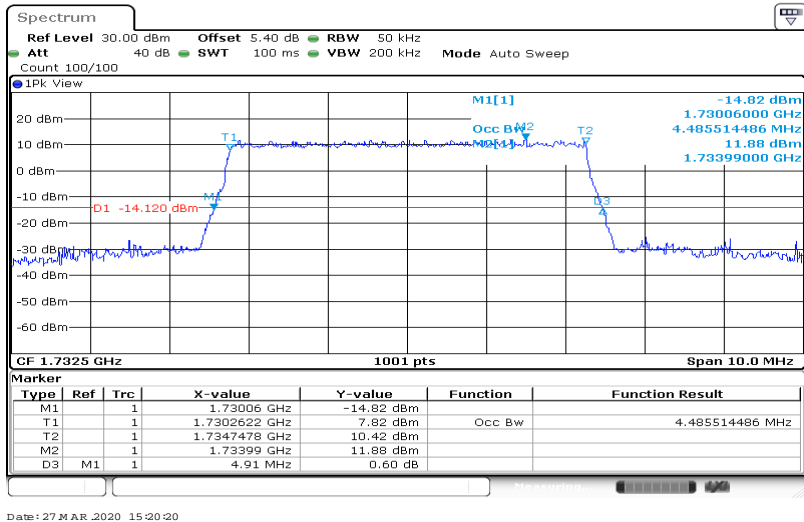


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Date: 27 MAR 2020 15:19:35

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



Date: 27 MAR 2020 15:20:20

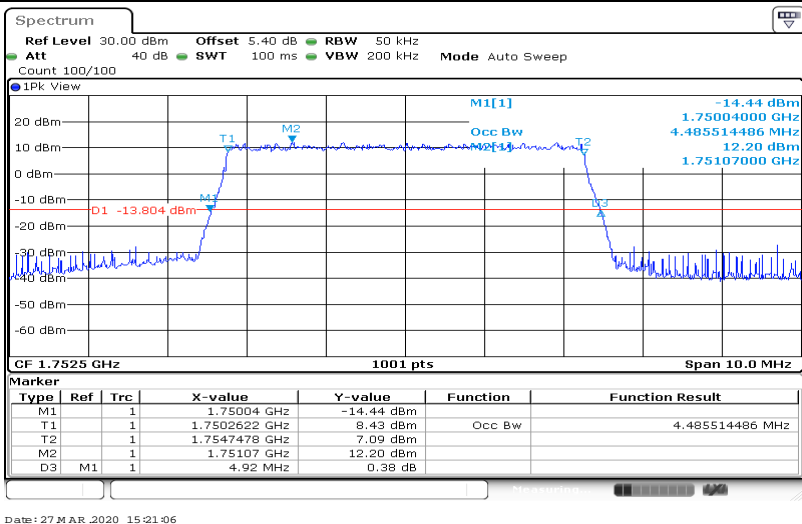
**Band4-5MHz-16QAM-20375-25RB#0-4.486**



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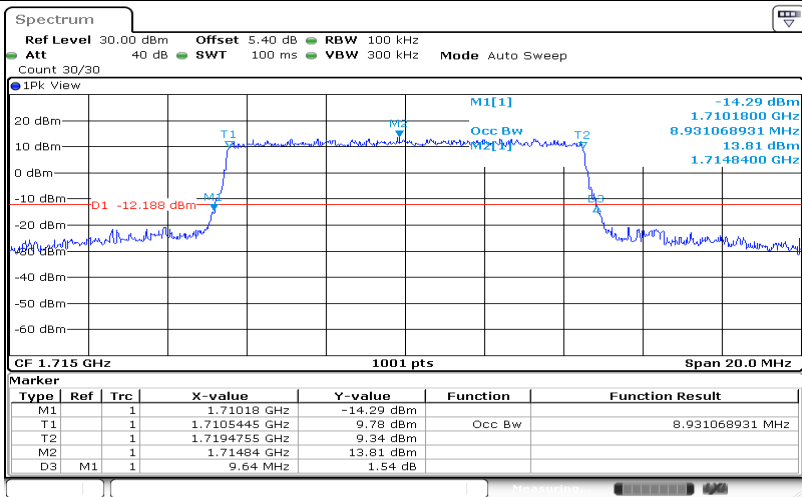
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Date: 27 MAR 2020 15:21:06

Band4-10MHz-QPSK-20000-50RB#0-8.931

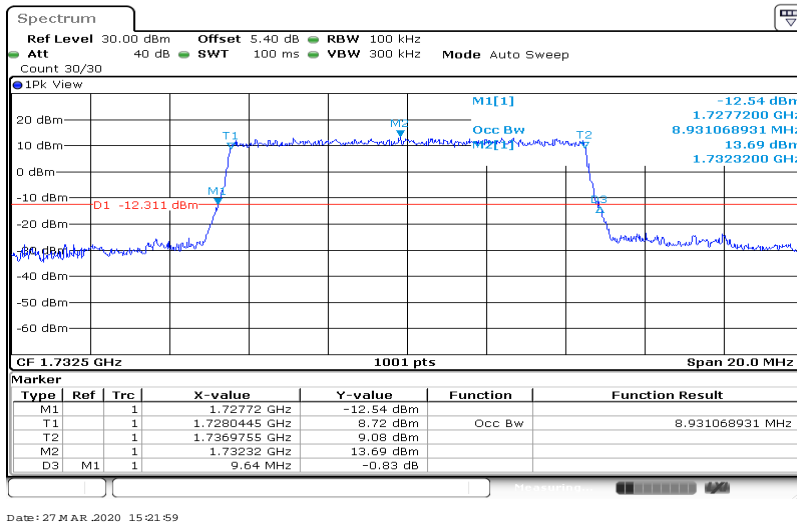


Date: 27 MAR 2020 15:21:27

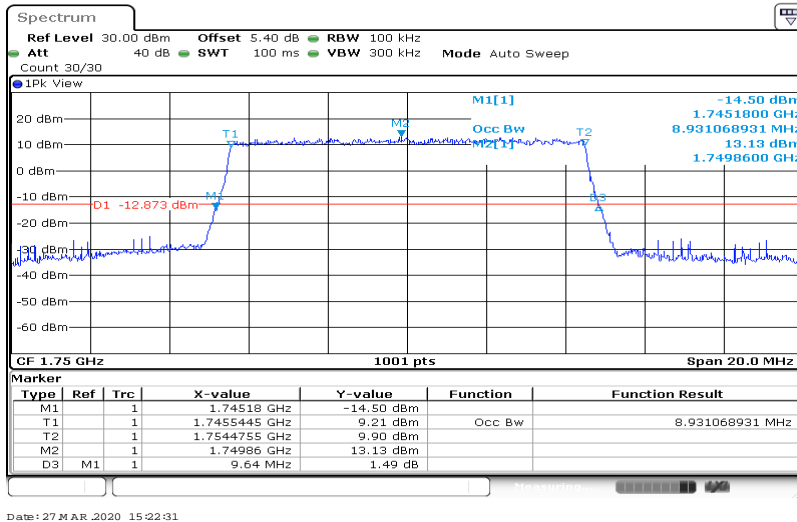
Band4-10MHz-QPSK-20175-50RB#0-8.931



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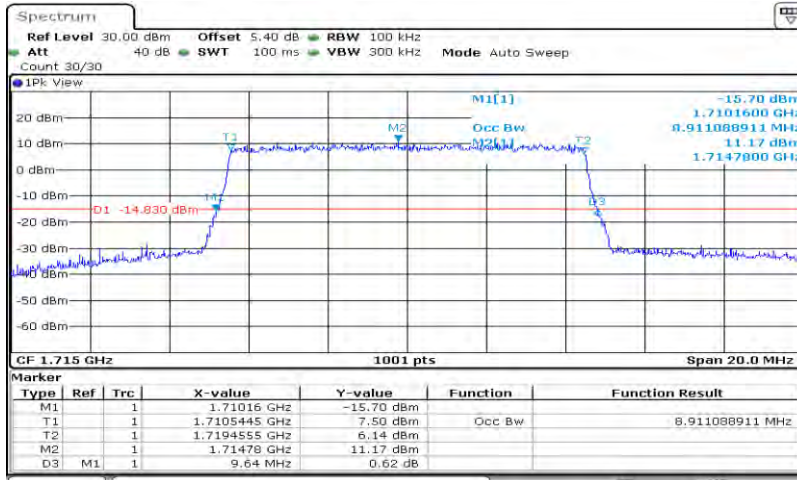
Band4-10MHz-QPSK-20350-50RB#0-8.931



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

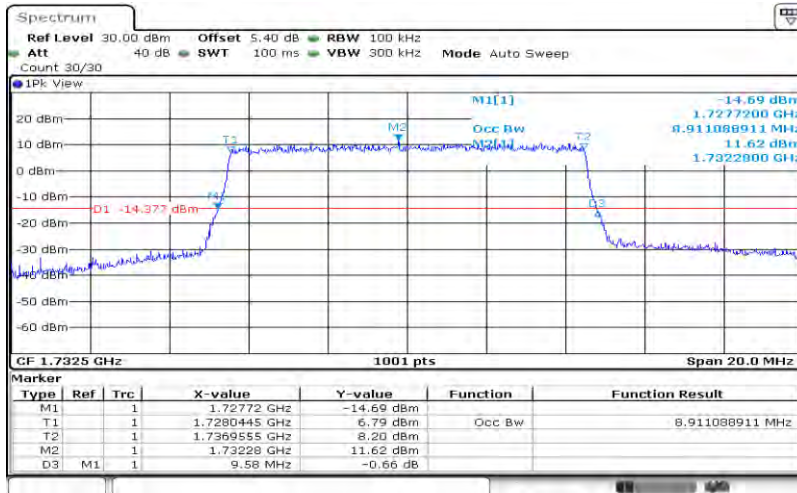


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Date: 28.MAR.2020 04:45:16

**Band4-10MHz-64QAM-20175-50RB#0-8.911**

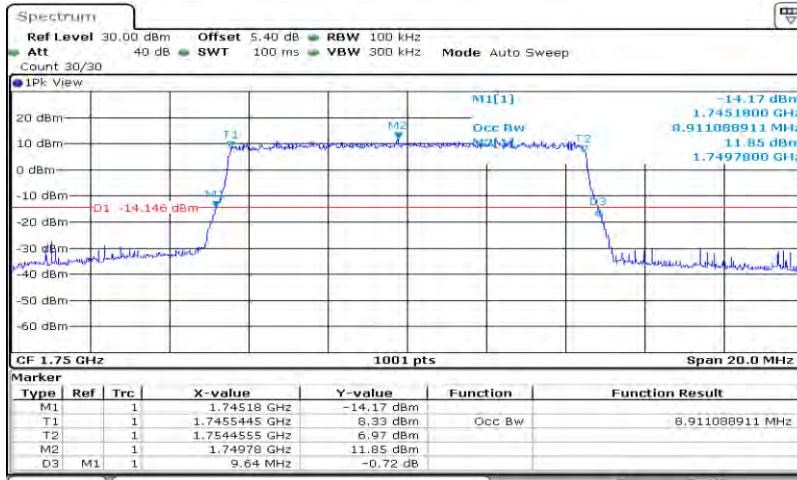


Date: 28.MAR.2020 04:45:29

**Band4-10MHz-64QAM-20350-50RB#0-8.911**

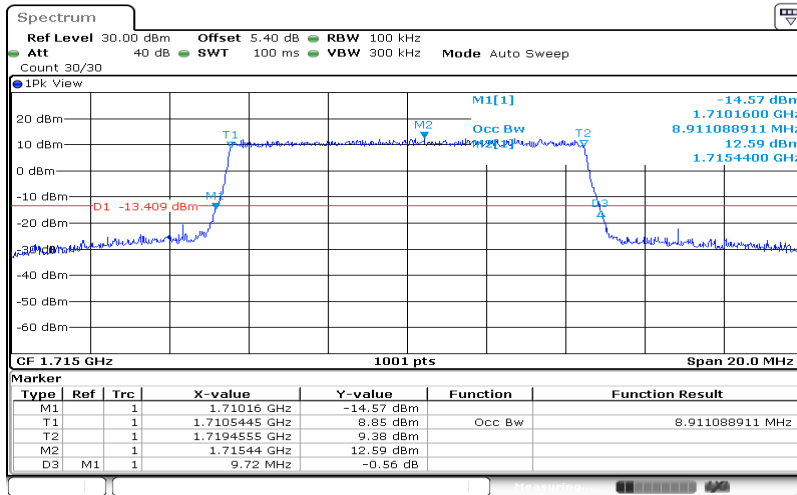


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Date: 28.MAR.2020 04:45:42

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

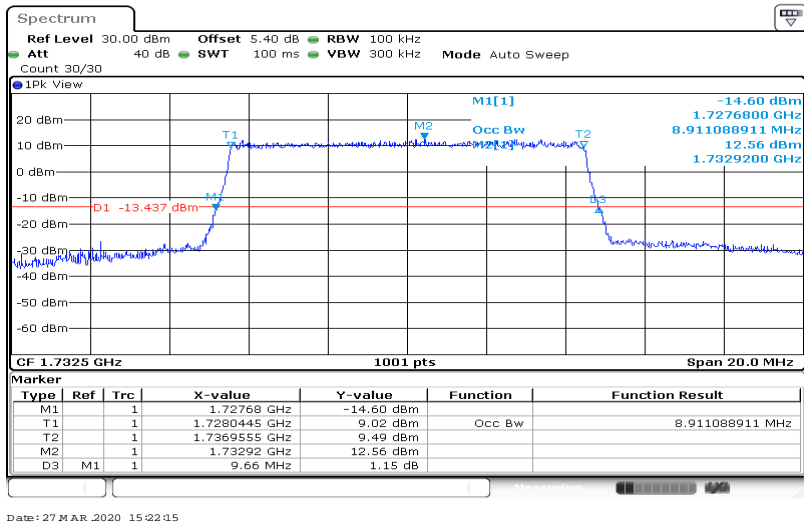


Date: 27.MAR.2020 15:21:43

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

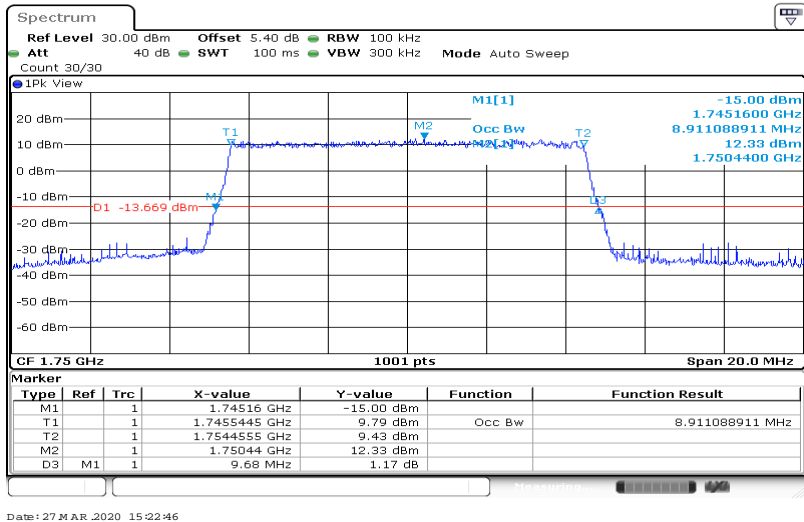


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Date: 27 MAR 2020 15:22:15

Band4-10MHz-16QAM-20350-50RB#0-8.911



Date: 27 MAR 2020 15:22:46

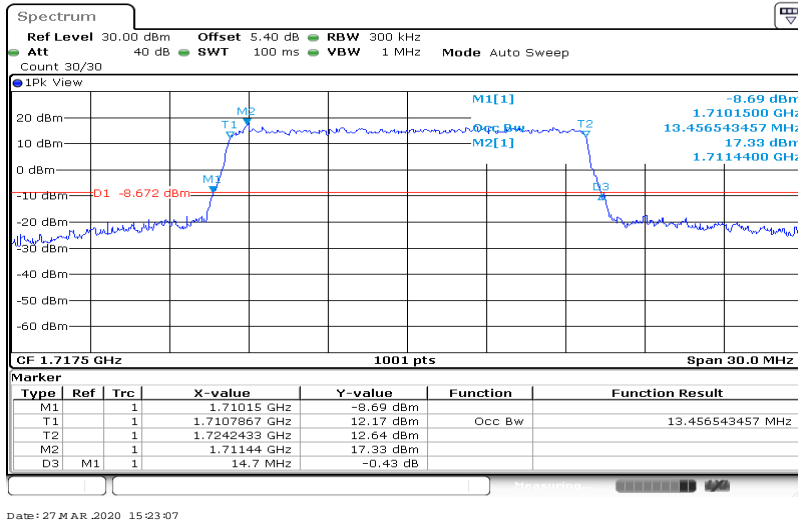
Band4-15MHz-QPSK-20025-75RB#0-13.457



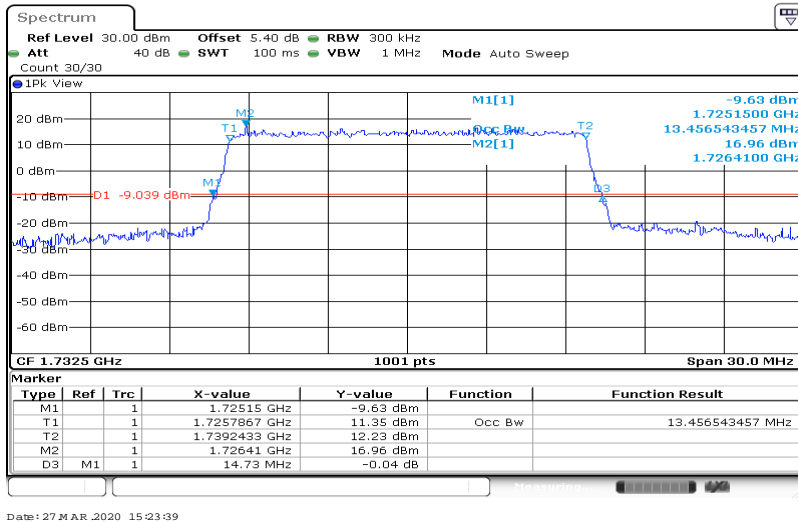
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**Band4-15MHz-QPSK-20175-75RB#0-13.457**



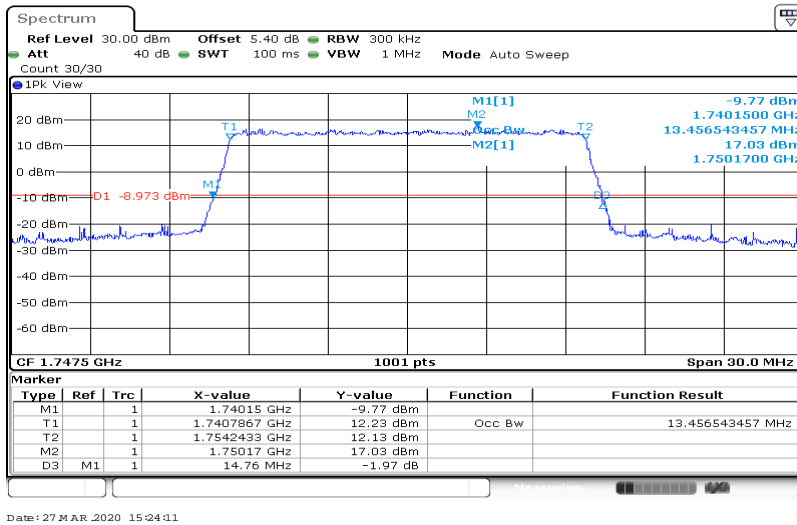
**Band4-15MHz-QPSK-20325-75RB#0-13.457**



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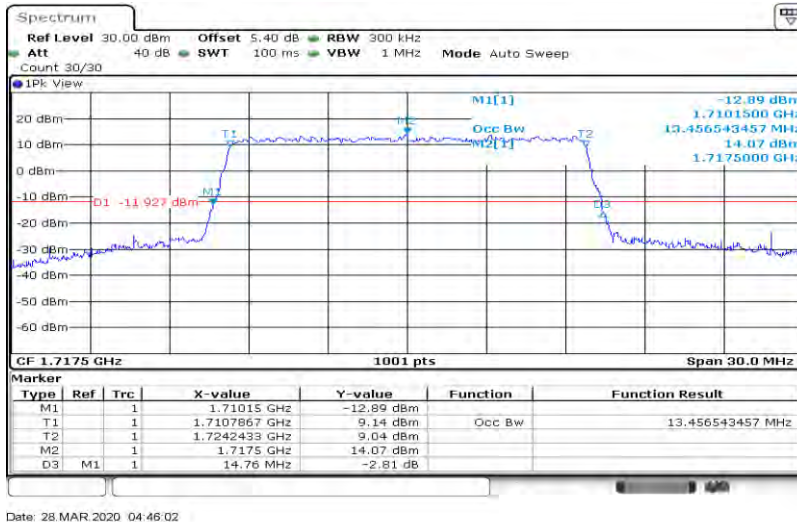
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Date: 27 MAR 2020 15:24:11

Band4-15MHz-64QAM-20025-75RB#0-13.457

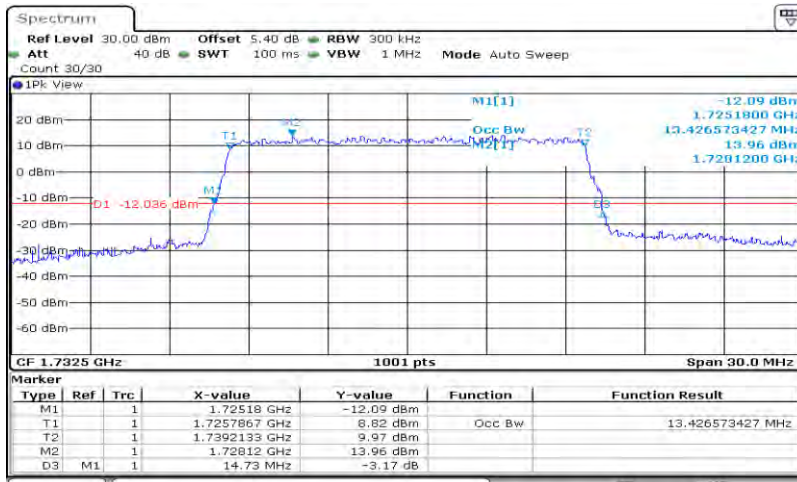


Date: 28 MAR 2020 04:46:02

Band4-15MHz-64QAM-20175-75RB#0-13.427

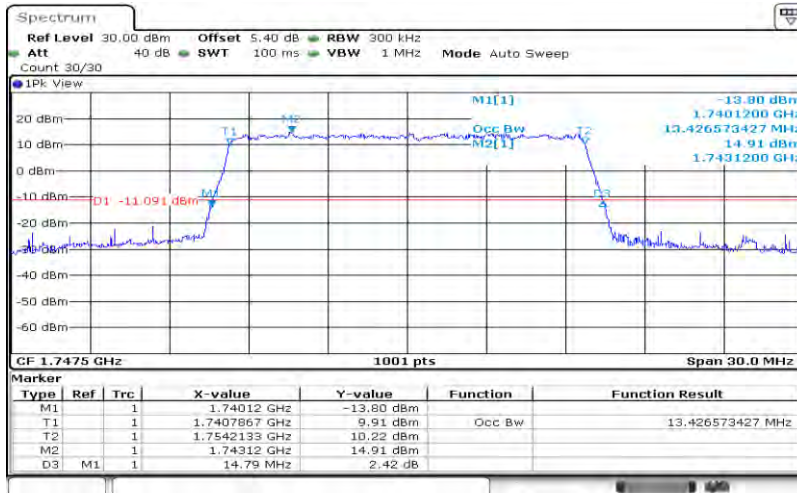


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Date: 28.MAR.2020 04:46:14

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

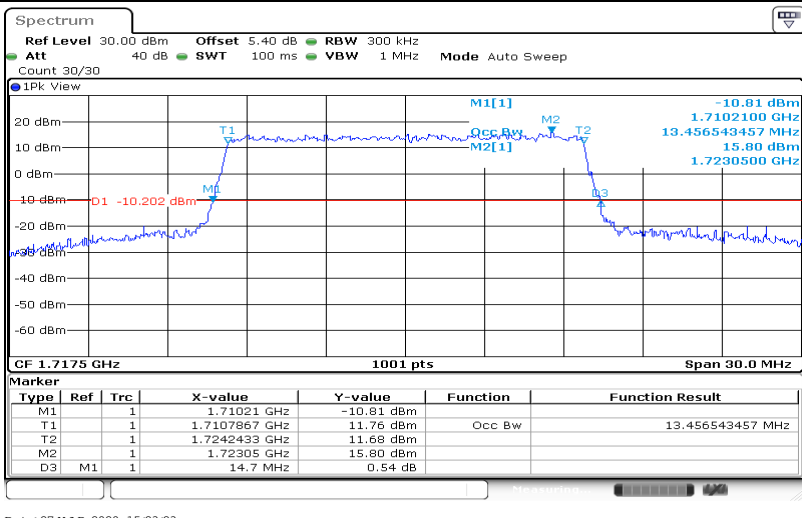


Date: 28.MAR.2020 04:46:27

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

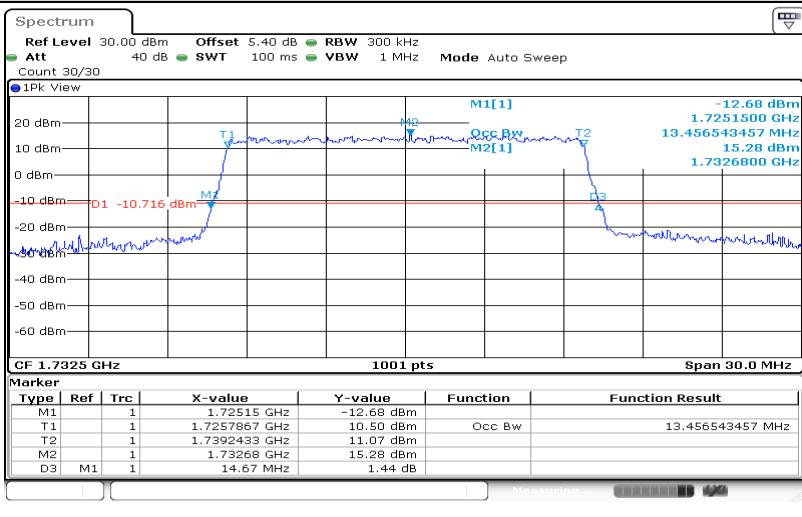


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Date: 27 MAR 2020 15:23:23

**Band4-15MHz-16QAM-20175-75RB#0-13.457**

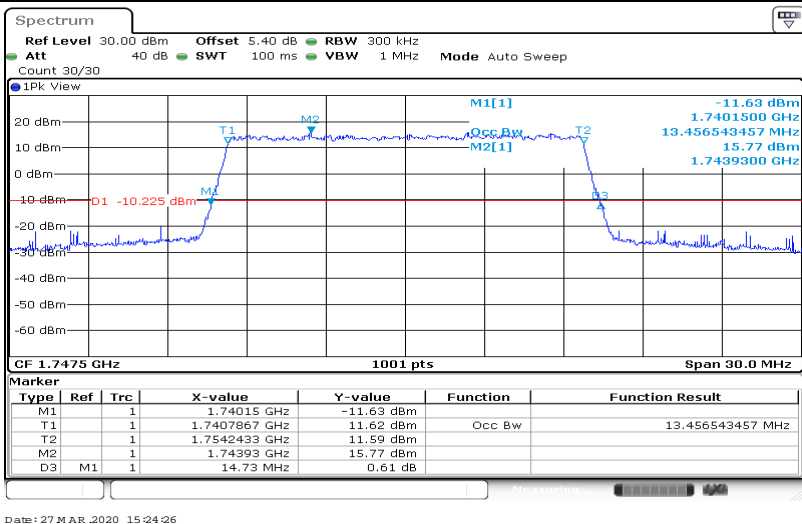


Date: 27 MAR 2020 15:23:55

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

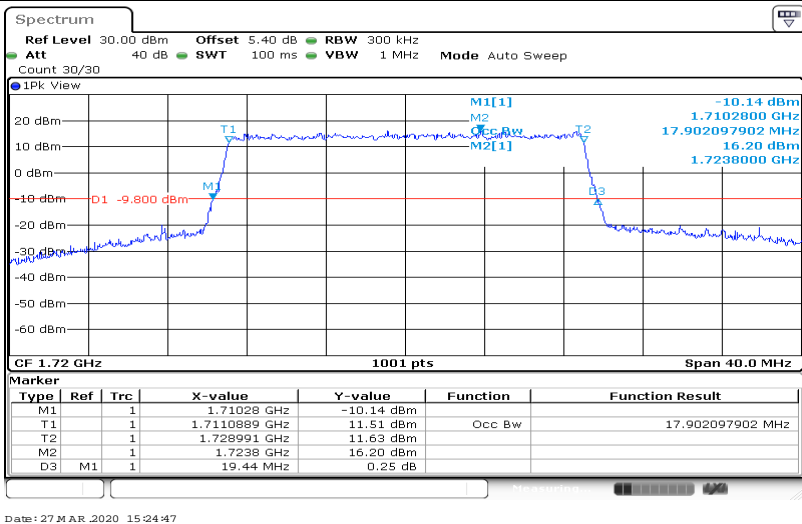


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Date: 27 MAR 2020 15:24:26

Band4-20MHz-QPSK-20050-100RB#0-17.902

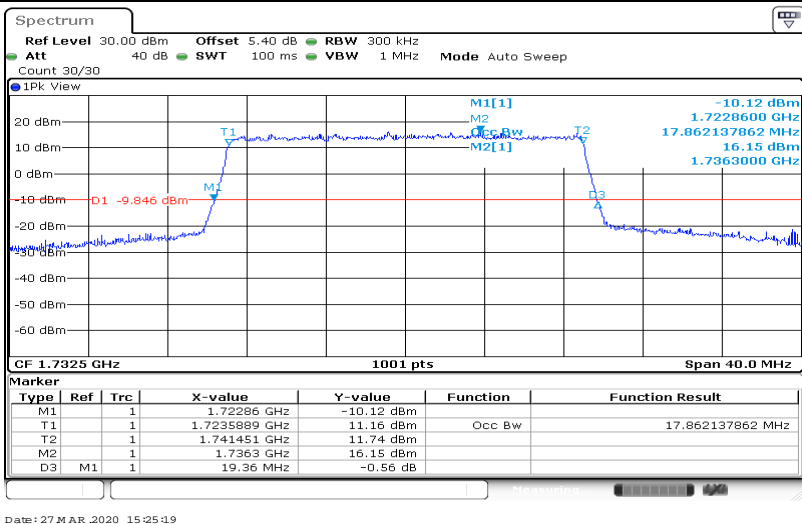


Date: 27 MAR 2020 15:24:47

Band4-20MHz-QPSK-20175-100RB#0-17.862

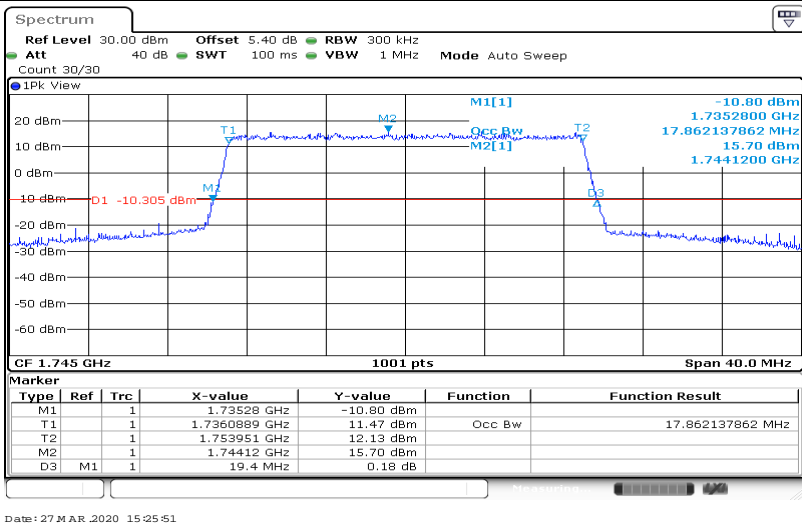


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Date: 27 MAR 2020 15:25:19

**Band4-20MHz-QPSK-20300-100RB#0-17.862**



Date: 27 MAR 2020 15:25:51

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

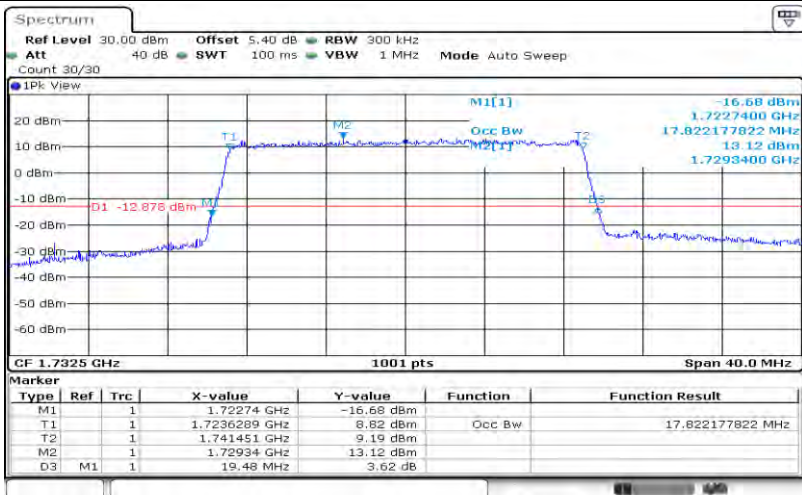


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Date: 28.MAR.2020 04:46:47

**Band4-20MHz-64QAM-20175-100RB#0-17.822**

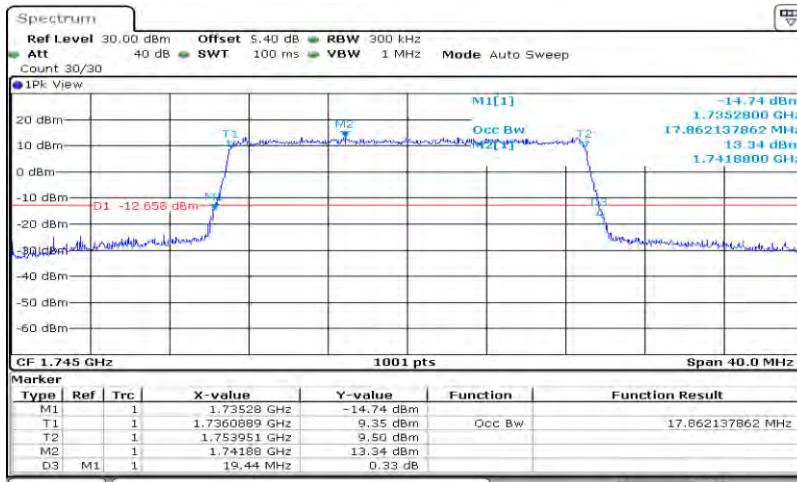


Date: 28.MAR.2020 04:47:00

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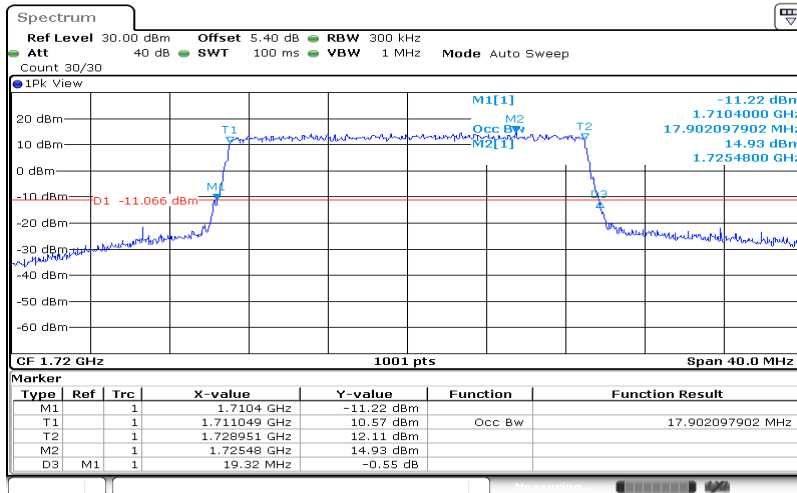


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Date: 28.MAR.2020 04:47:13

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

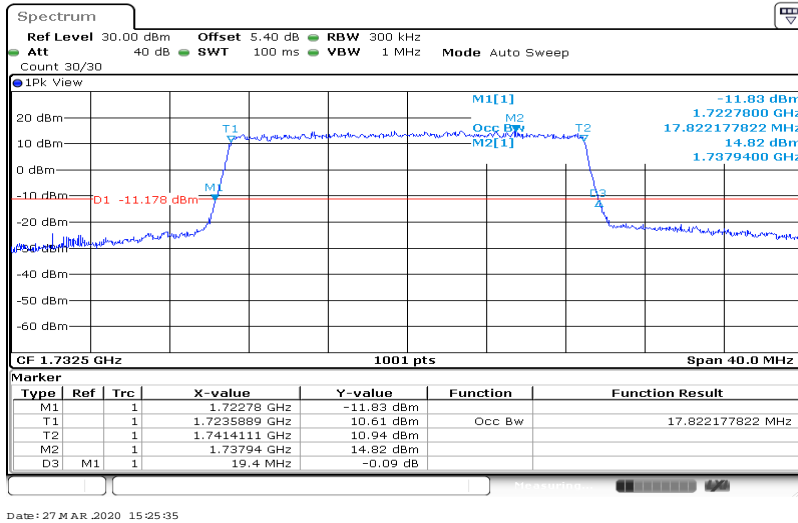


Date: 27.MAR.2020 15:25:03

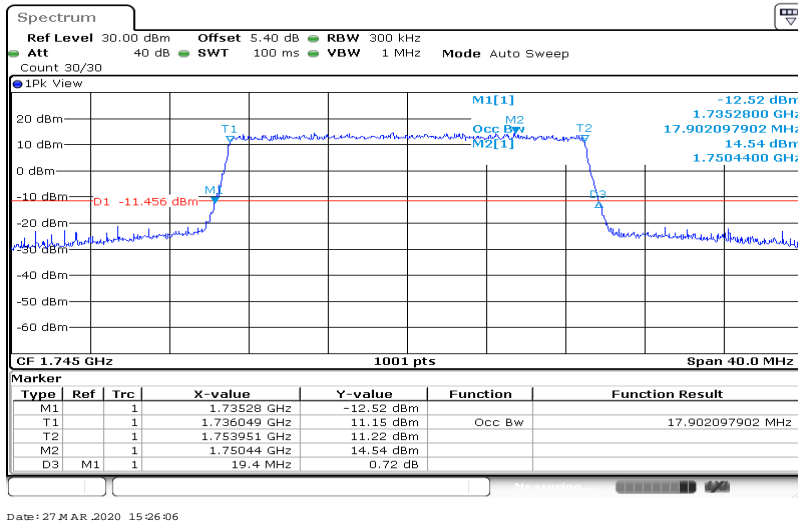
**Band4-20MHz-16QAM-20175-100RB#0-17.822**



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



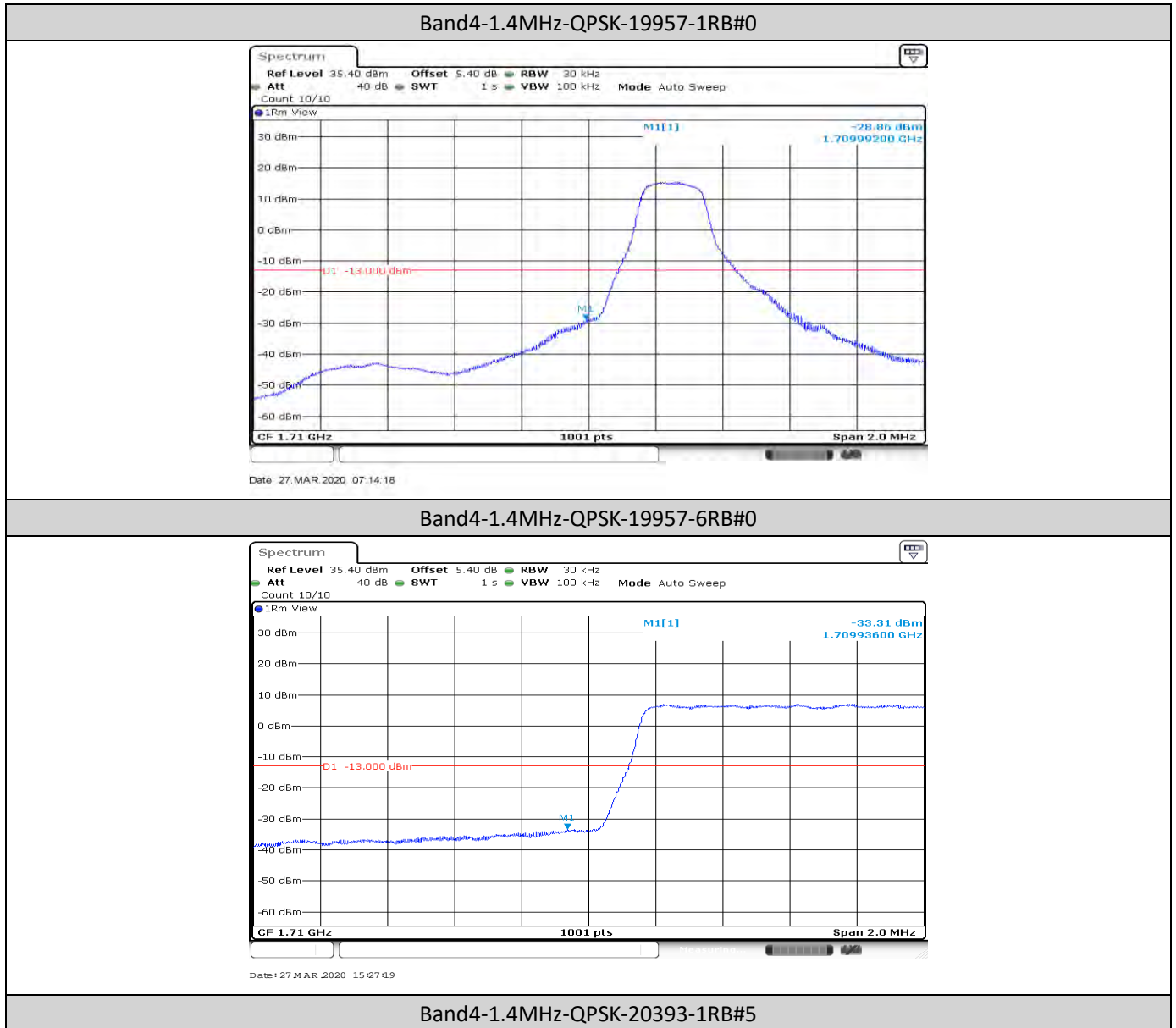
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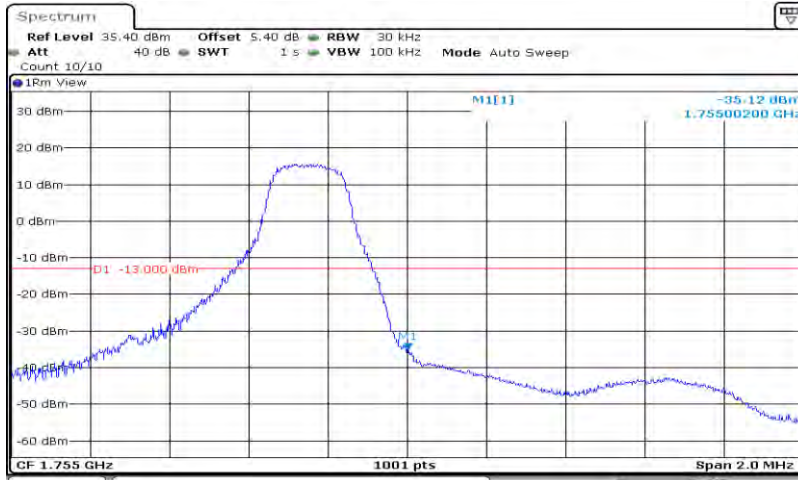


## 5. Band Edge Compliance

### 5.1. Test Plots

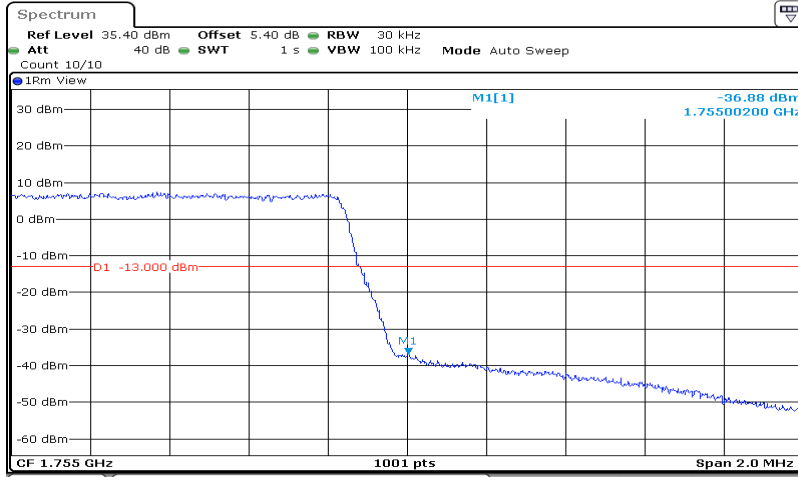


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Date: 27.MAR.2020 07:15:40

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

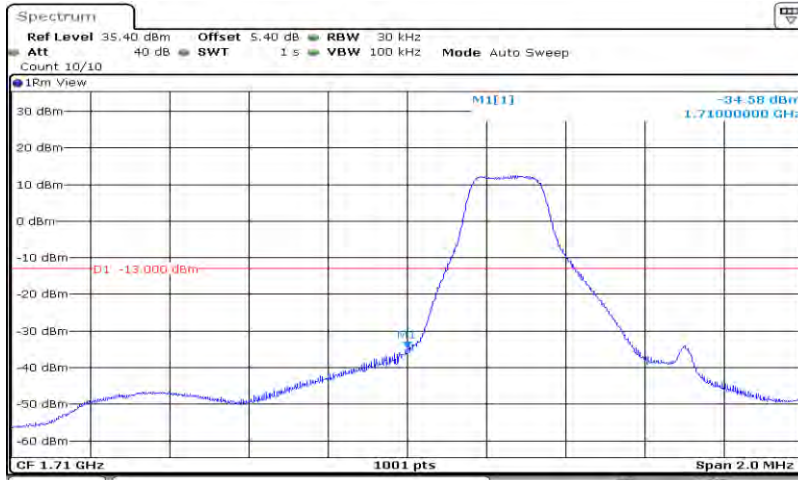


Date: 27 MAR.2020 15:28:54

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



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Date: 28.MAR.2020 04:47:39

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



Date: 28.MAR.2020 04:47:59

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

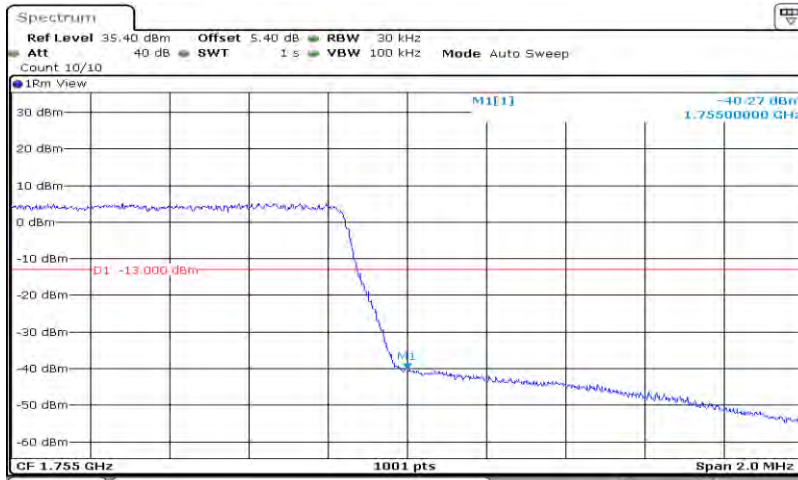


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Date: 28.MAR.2020 04:48:24

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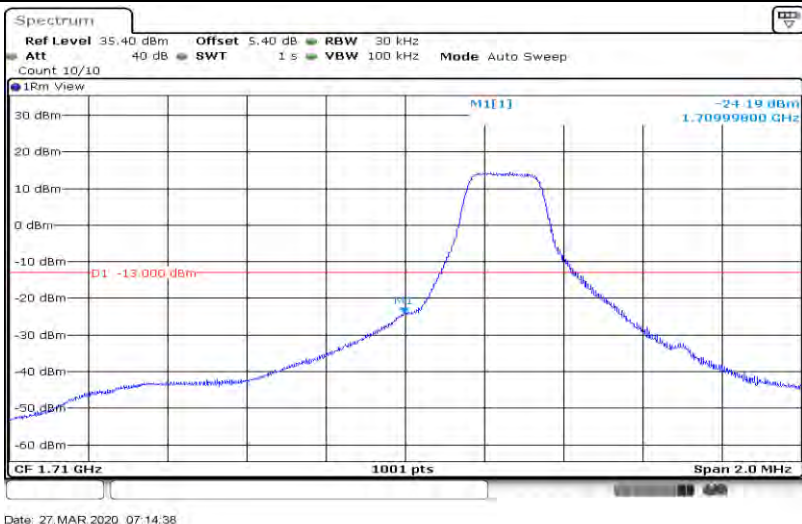


Date: 28.MAR.2020 04:48:43

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



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



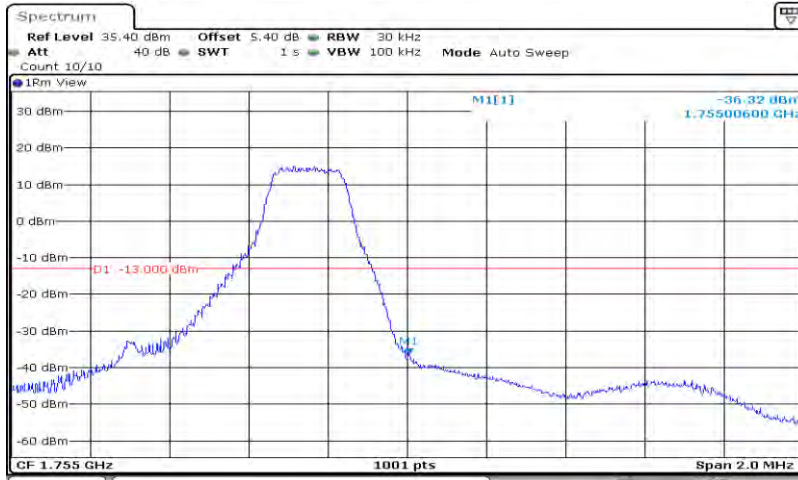
**Band4-1.4MHz-16QAM-20393-1RB#5**



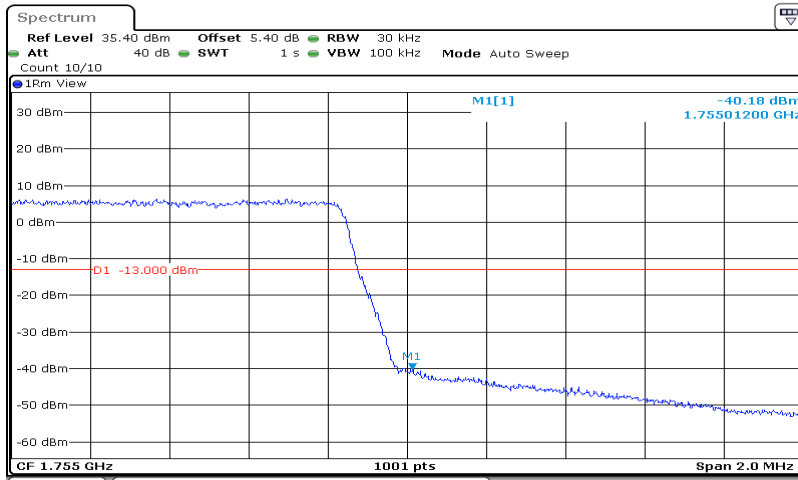
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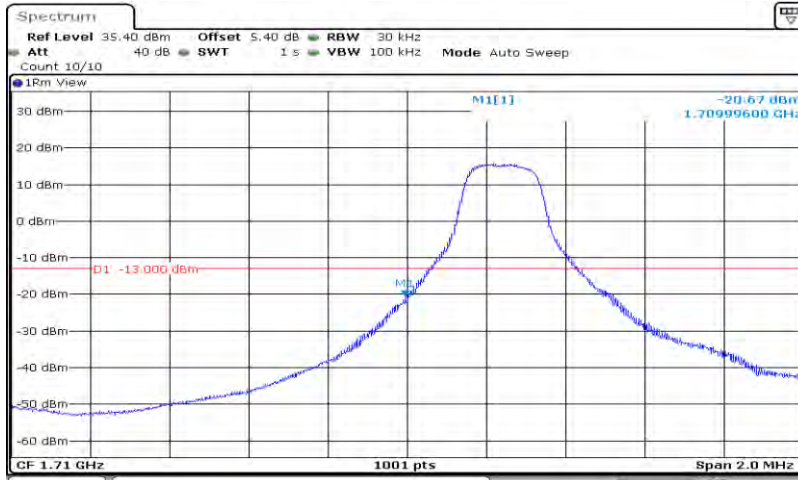
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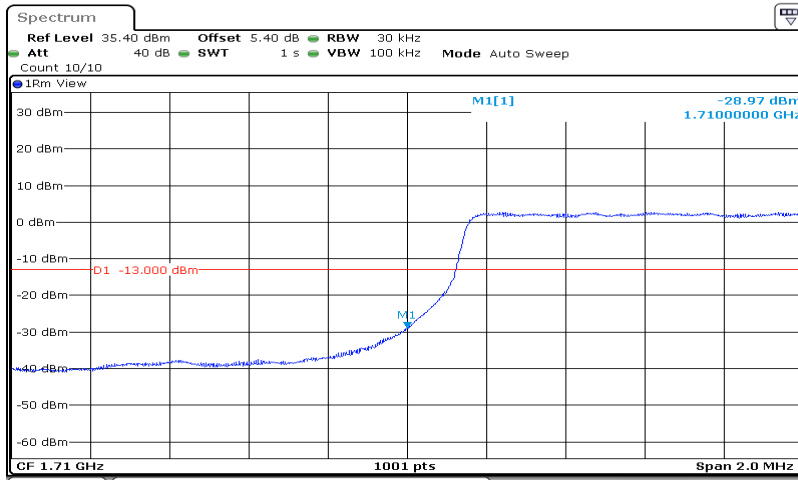
**Band4-3MHz-QPSK-19965-1RB#0**



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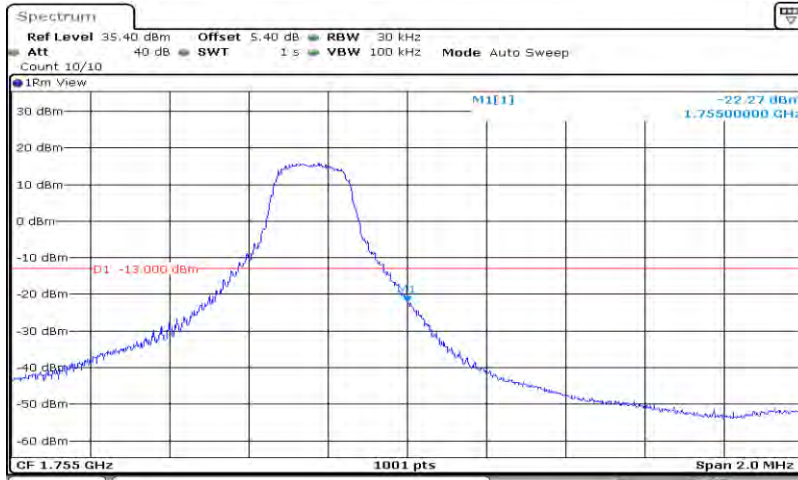
**Band4-3MHz-QPSK-19965-15RB#0**



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

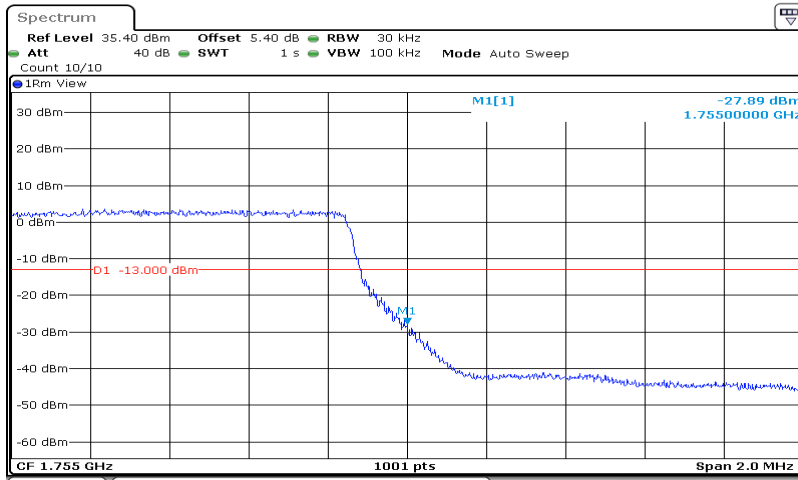


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Date: 27.MAR.2020 07:18:25

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



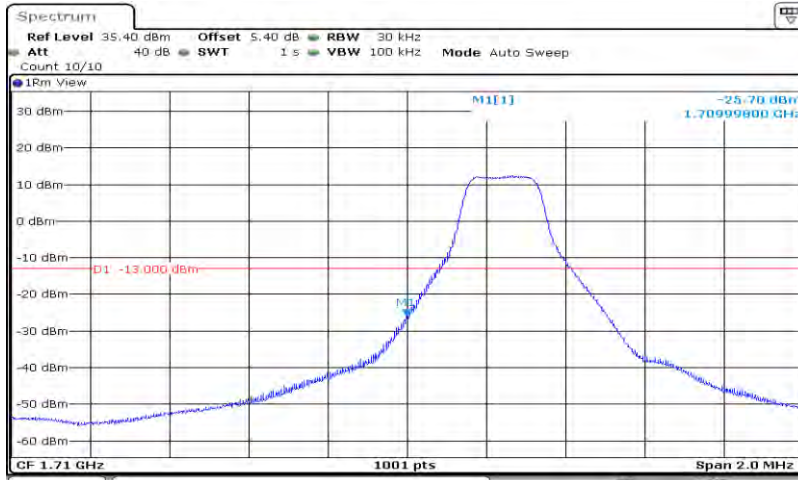
Date: 27 MAR.2020 15:32:05

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



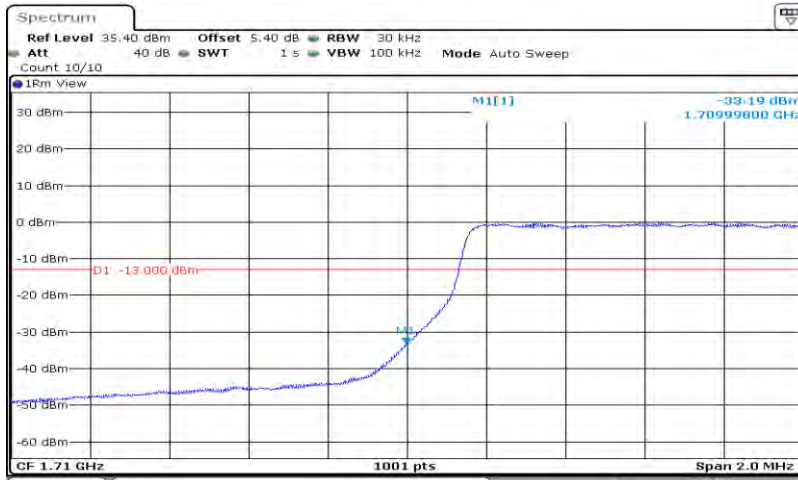
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Date: 28.MAR.2020 04:49:10

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

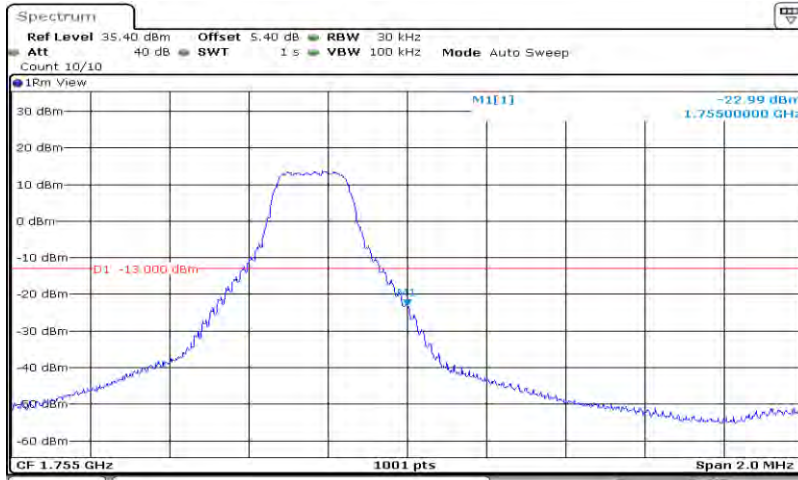


Date: 28.MAR.2020 04:49:29

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

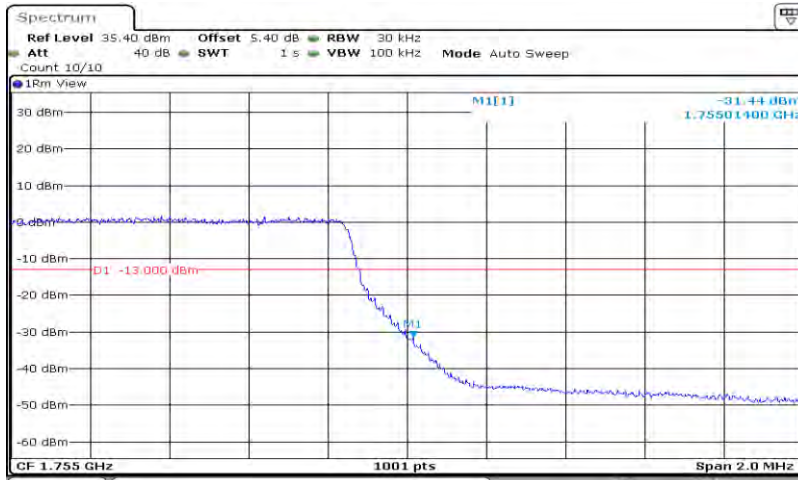


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Date: 28.MAR.2020 04:49:54

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



Date: 28.MAR.2020 04:50:13

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

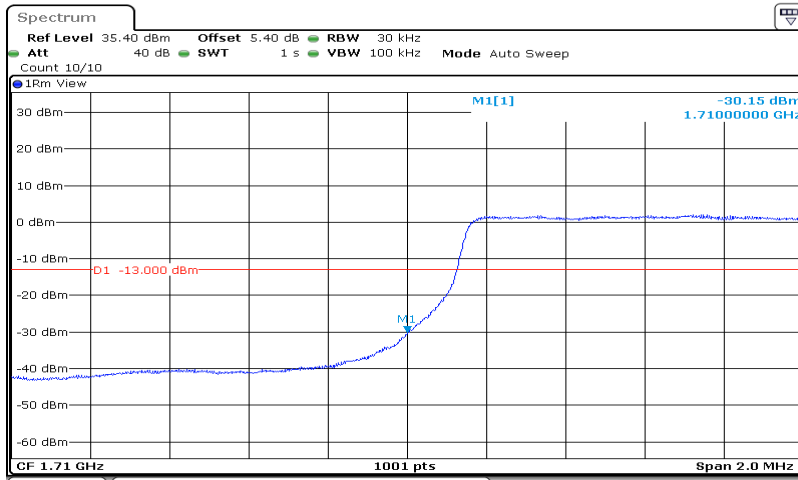


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Date: 27.MAR.2020 07:17:22

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



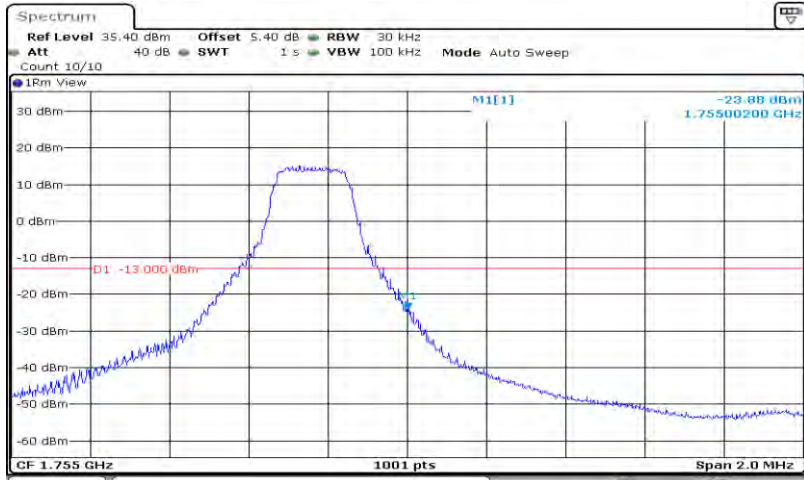
Date: 27.MAR.2020 15:30:52

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



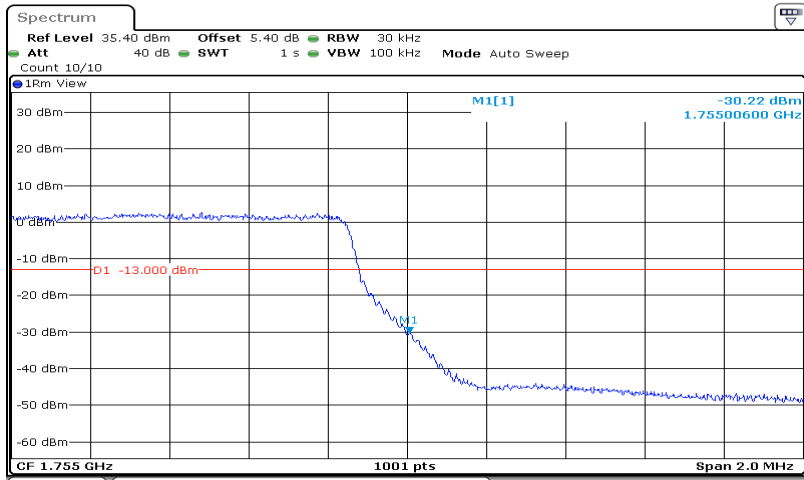
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Date: 27.MAR.2020 07:18:45

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



Date: 27 MAR.2020 15:32:27

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

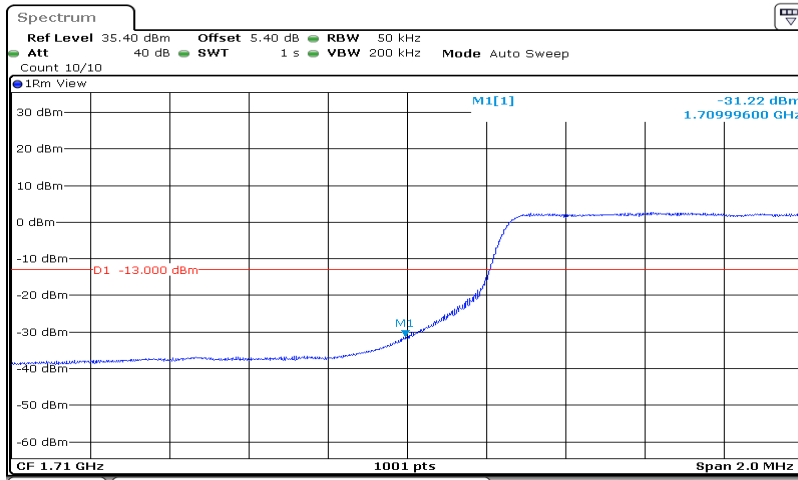


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Date: 27.MAR.2020 07:19:48

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

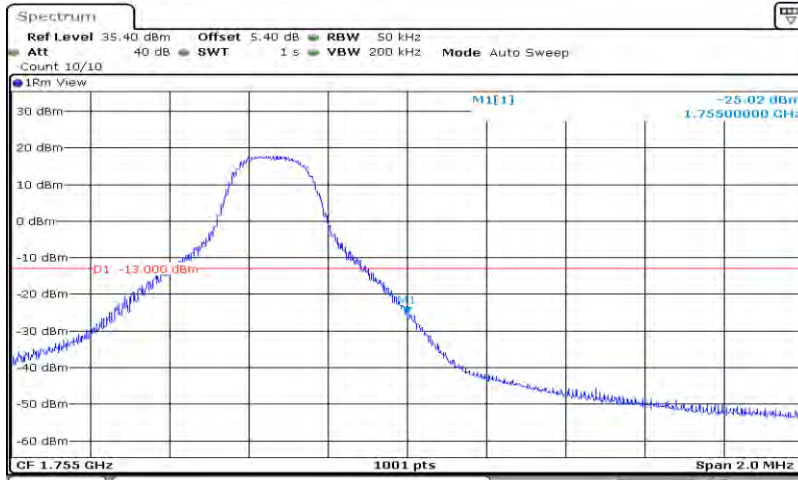


Date: 27 MAR 2020 15:33:40

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

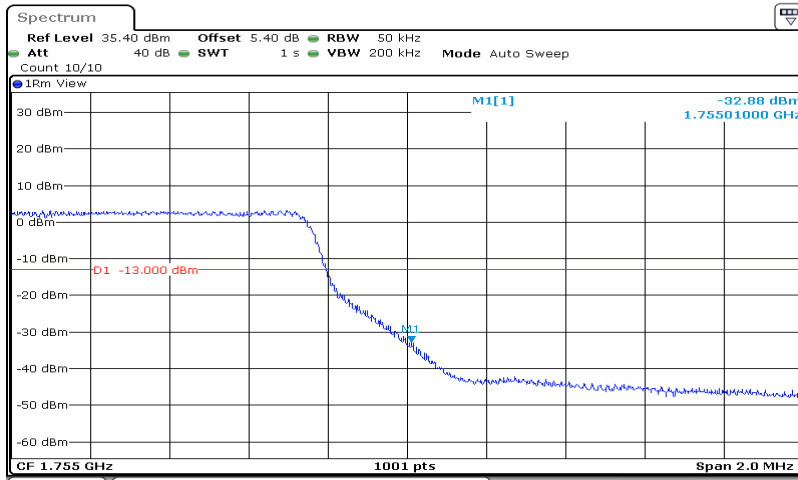


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Date: 27.MAR.2020 07:21:10

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



Date: 27 MAR.2020 15:35:15

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



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Date: 28.MAR.2020 04:50:40

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

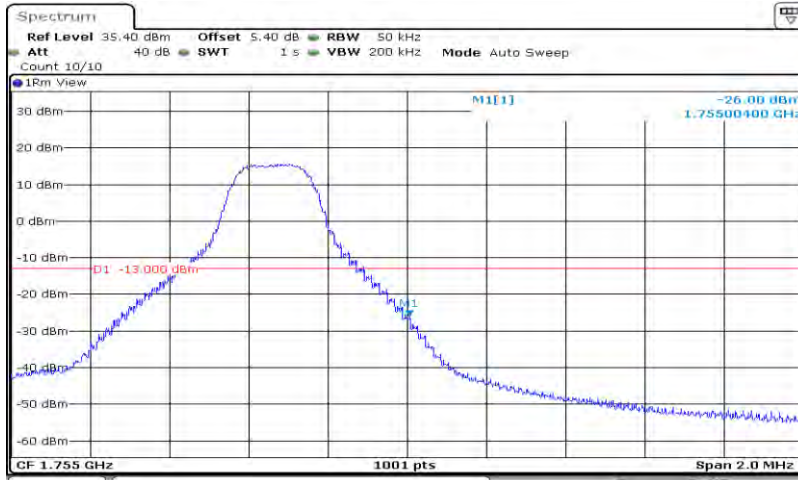


Date: 28.MAR.2020 04:50:59

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

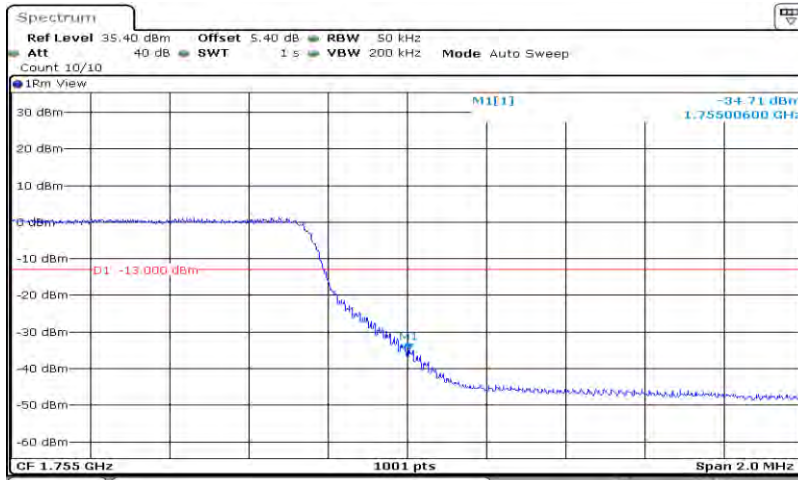


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Date: 28.MAR.2020 04:51:24

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



Date: 28.MAR.2020 04:51:43

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



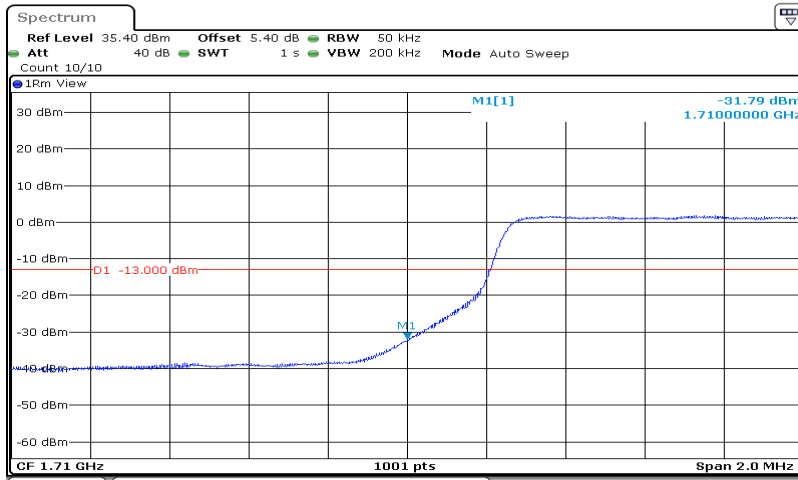
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Date: 27.MAR.2020 07:20:07

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

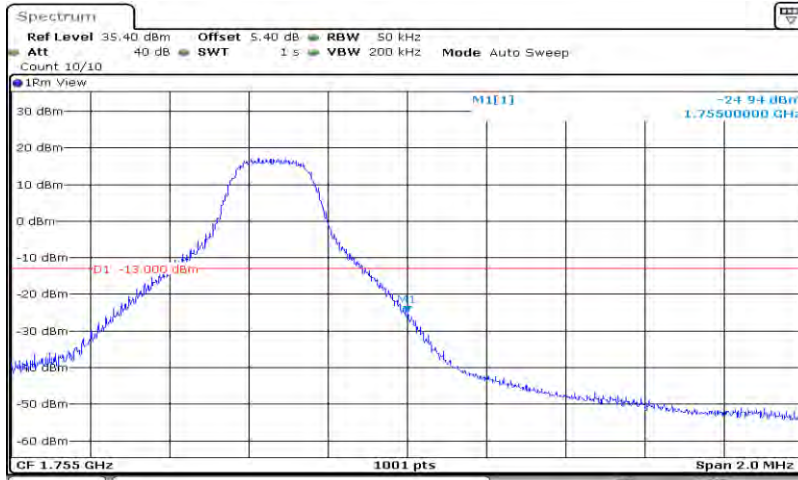


Date: 27.MAR.2020 15:34:03

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

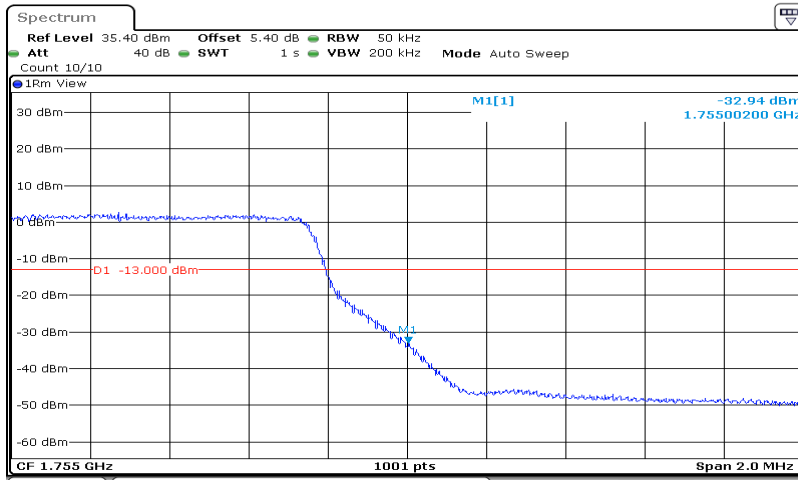


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Date: 27.MAR.2020 07:21:29

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



Date: 27 MAR.2020 15:35:38

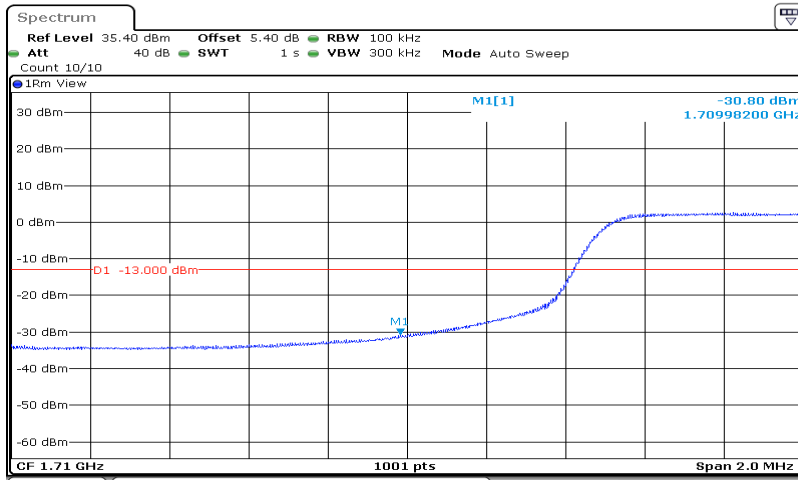
**Band4-10MHz-QPSK-20000-1RB#0**



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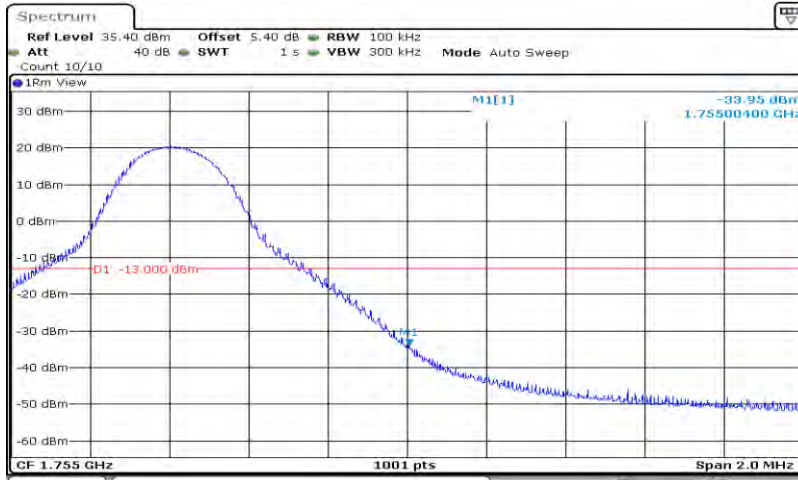
**Band4-10MHz-QPSK-20000-50RB#0**



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

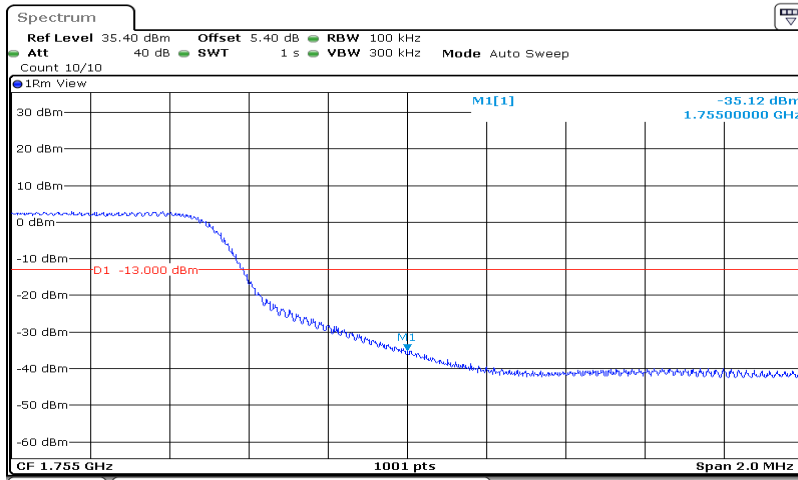


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Date: 27.MAR.2020 07:23:54

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



Date: 27 MAR.2020 15:38:25

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

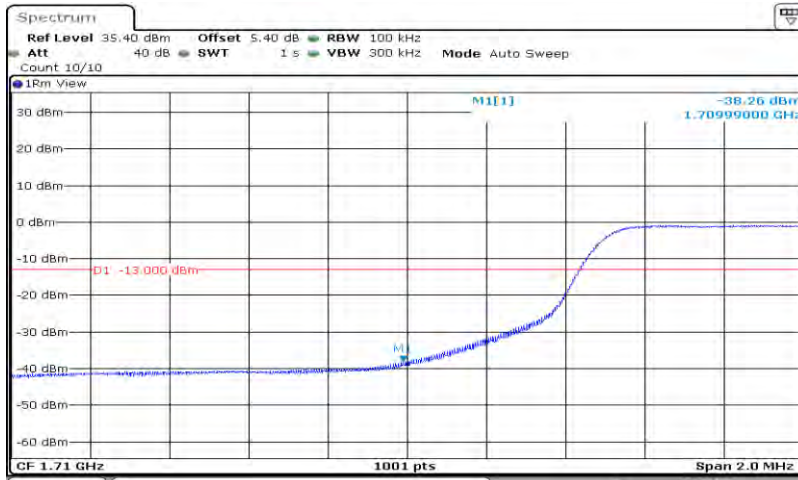


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Date: 28.MAR.2020 04:52:10

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

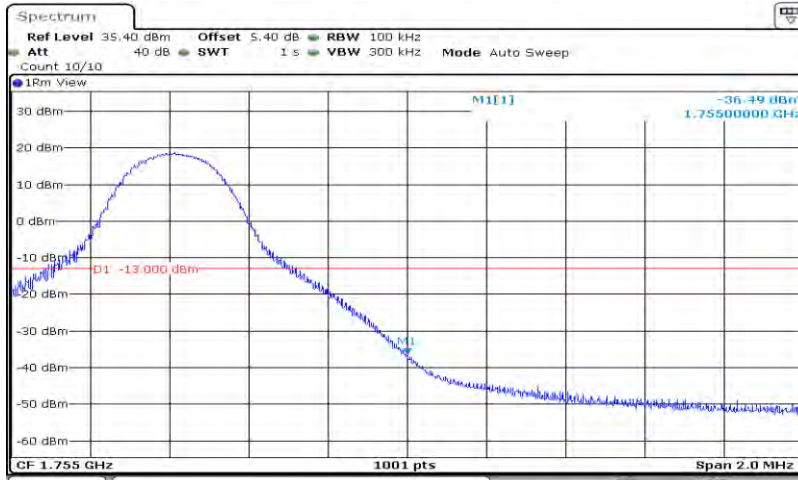


Date: 28.MAR.2020 04:52:29

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

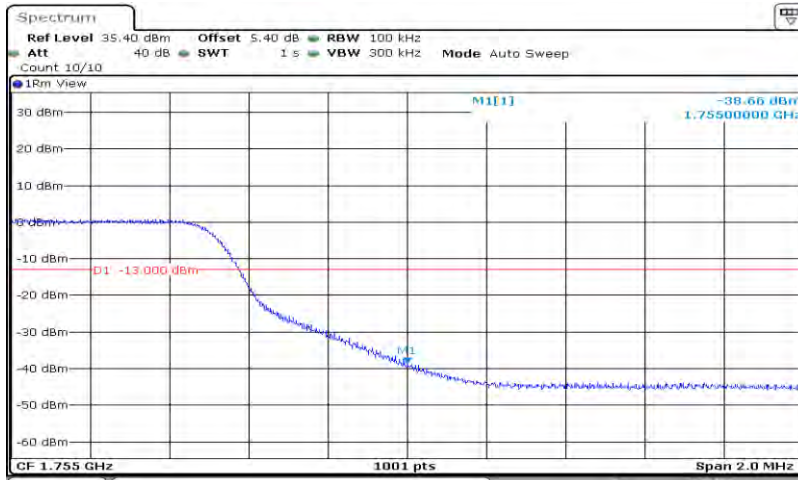


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Date: 28.MAR.2020 04:52:54

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



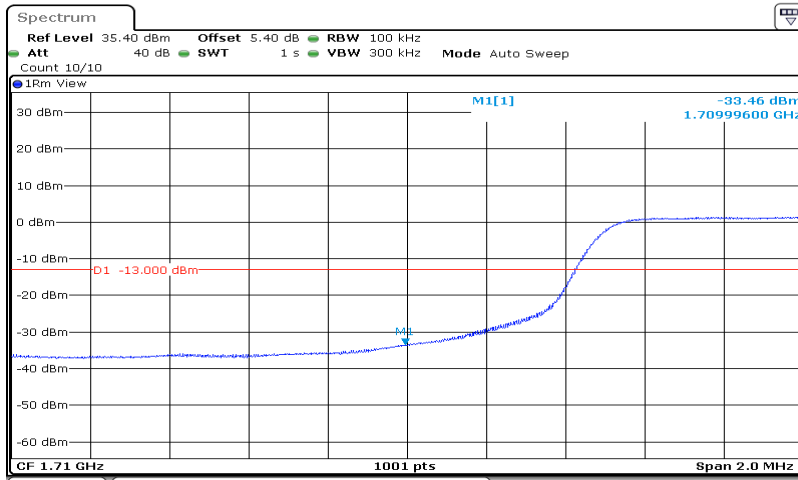
Date: 28.MAR.2020 04:53:13

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





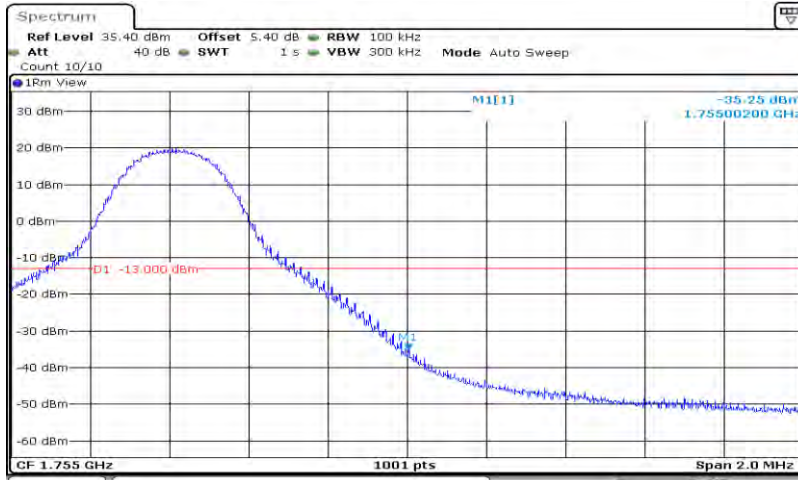
**Band4-10MHz-16QAM-20000-50RB#0**



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

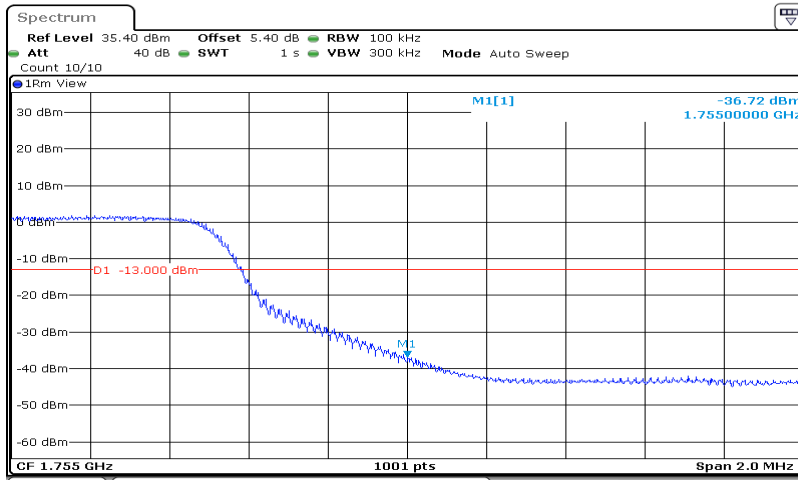


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Date: 27.MAR.2020 07:24:13

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



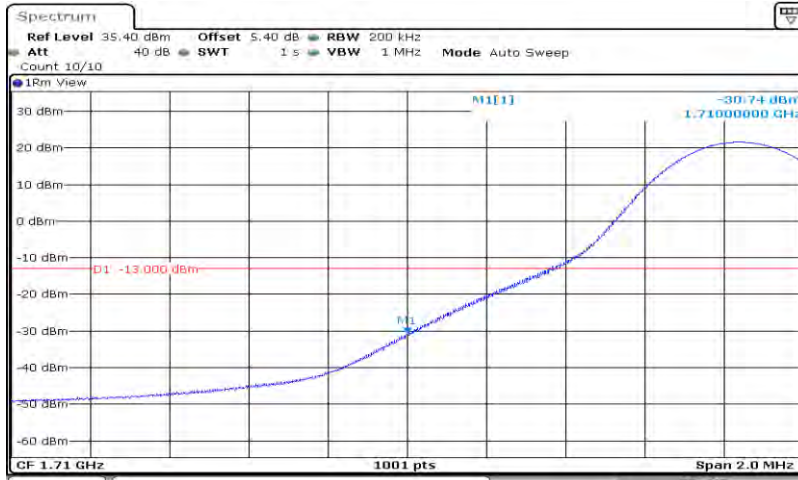
Date: 27 MAR 2020 15:38:48

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



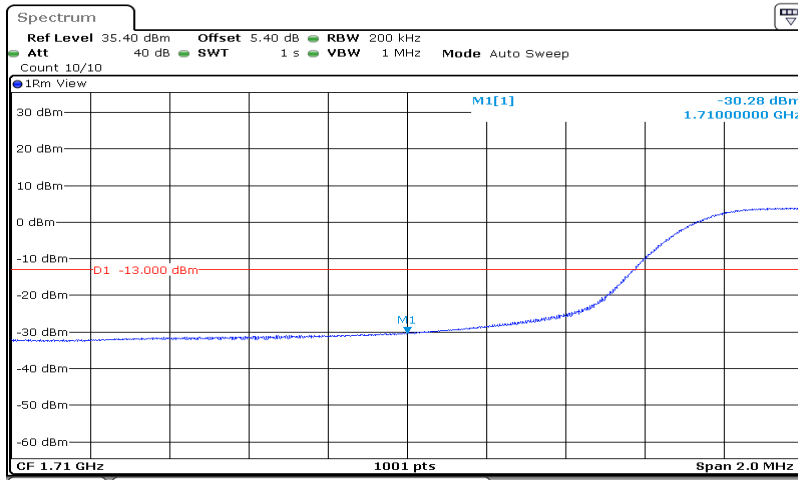
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Date: 27.MAR.2020 07:25:16

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

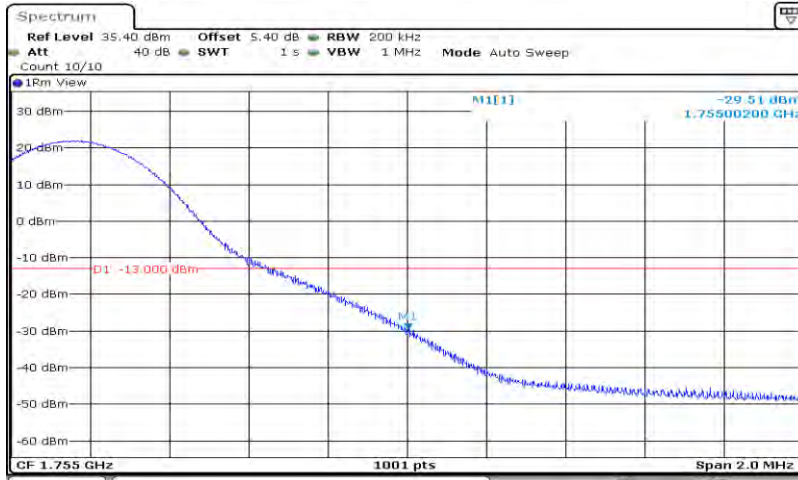


Date: 27.MAR.2020 15:40:01

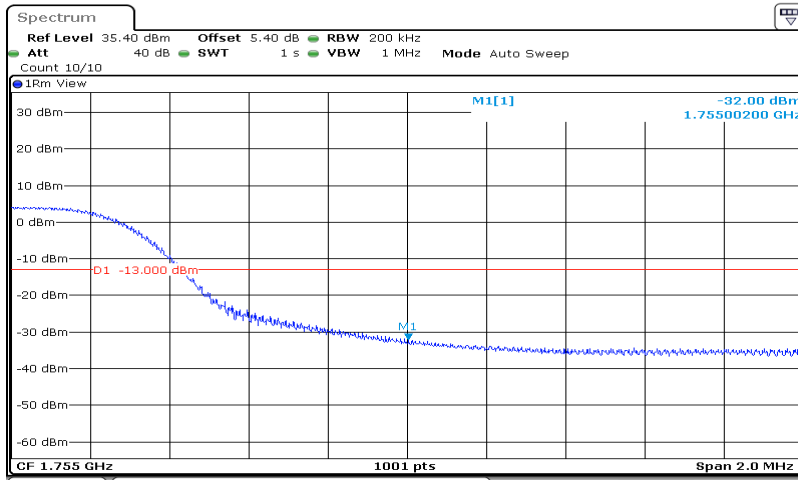
**Band4-15MHz-QPSK-20325-1RB#74**



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



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



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Date: 28 MAR 2020 04:53:39

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

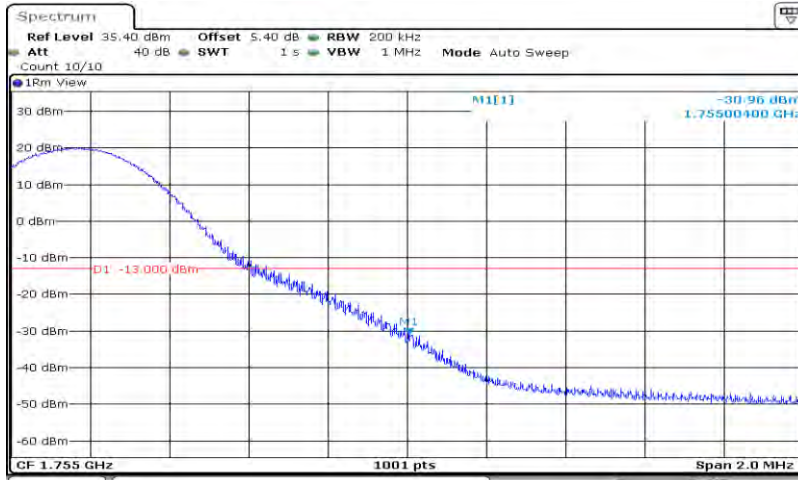


Date: 28 MAR 2020 04:53:59

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

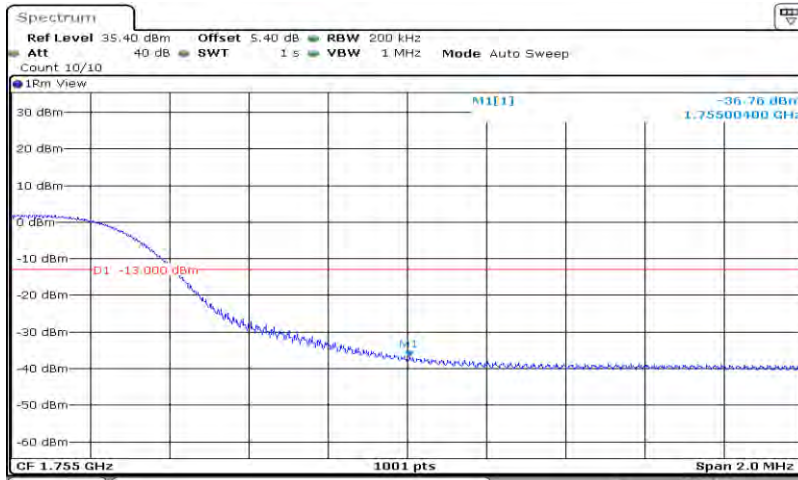


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Date: 28.MAR.2020 04:54:23

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

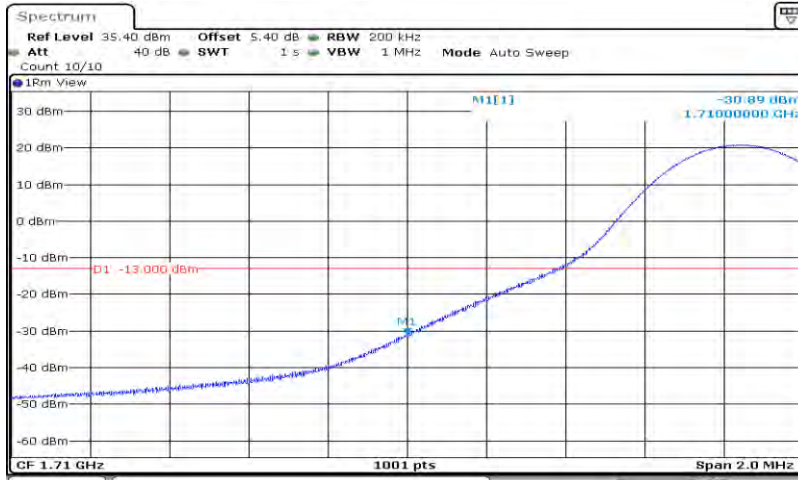


Date: 28.MAR.2020 04:54:43

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

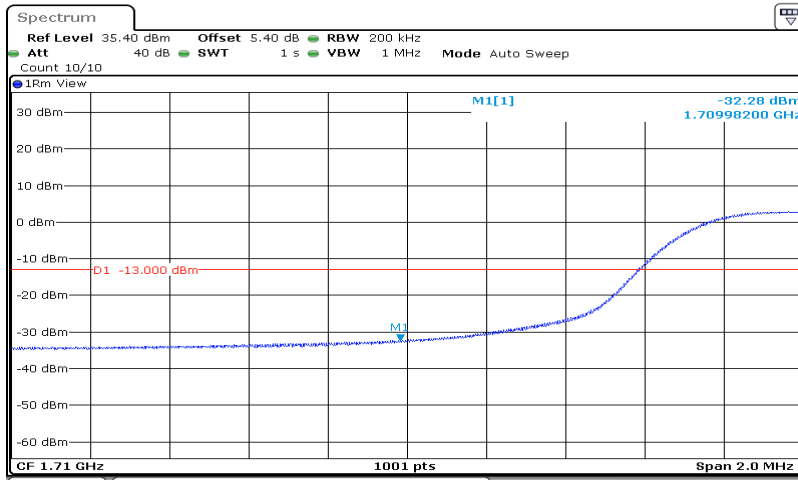


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Date: 27.MAR.2020 07:25:36

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

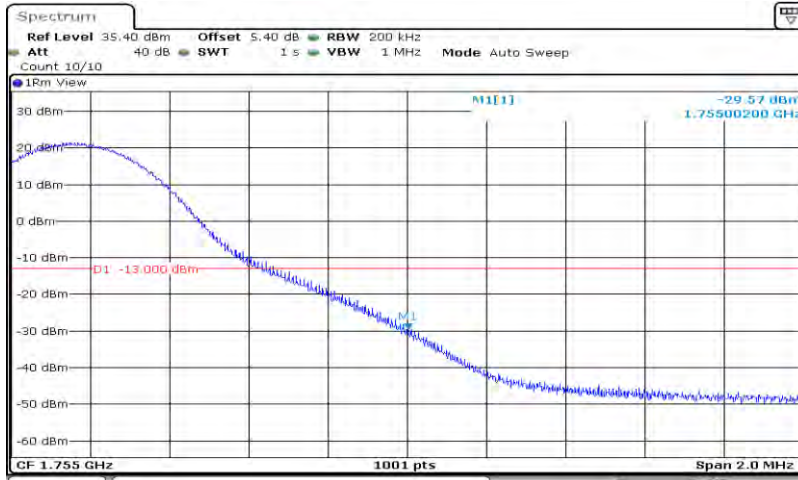


Date: 27 MAR 2020 15:40:23

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

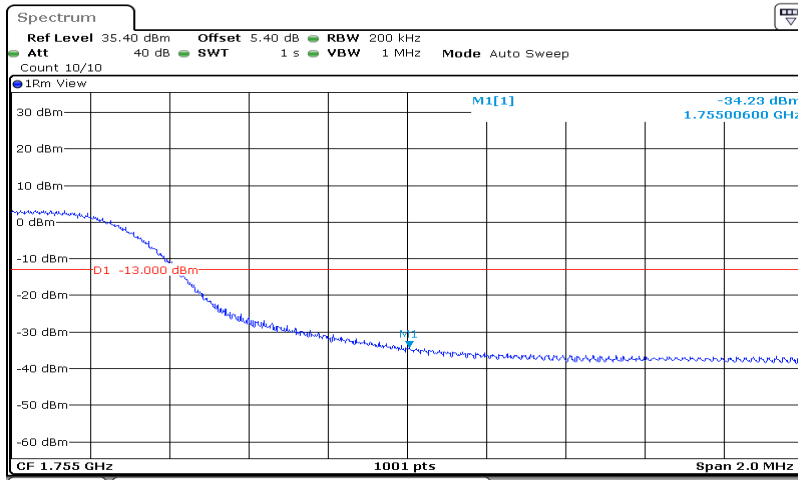


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Date: 27.MAR.2020 07:26:58

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



Date: 27 MAR.2020 15:41:58

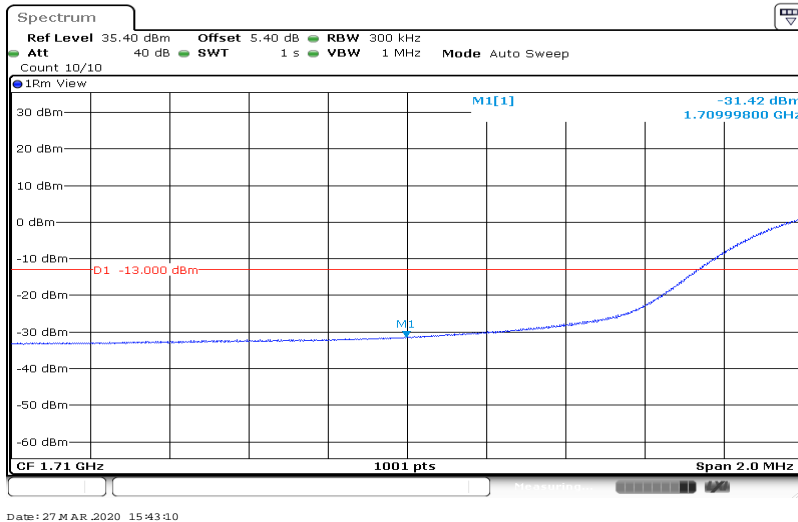
**Band4-20MHz-QPSK-20050-1RB#0**



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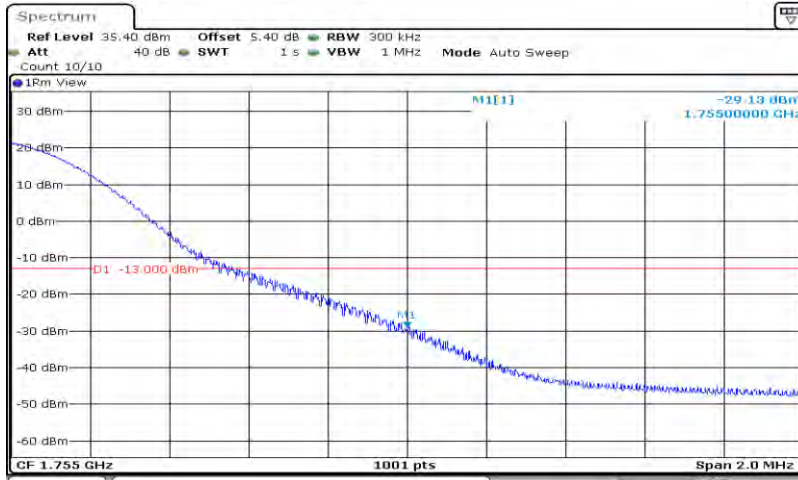
**Band4-20MHz-QPSK-20050-100RB#0**



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

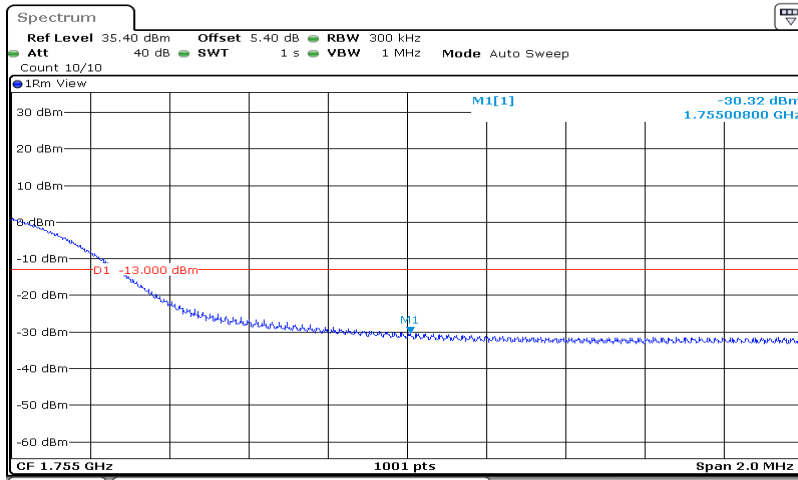


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Date: 27.MAR.2020 07:29:24

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



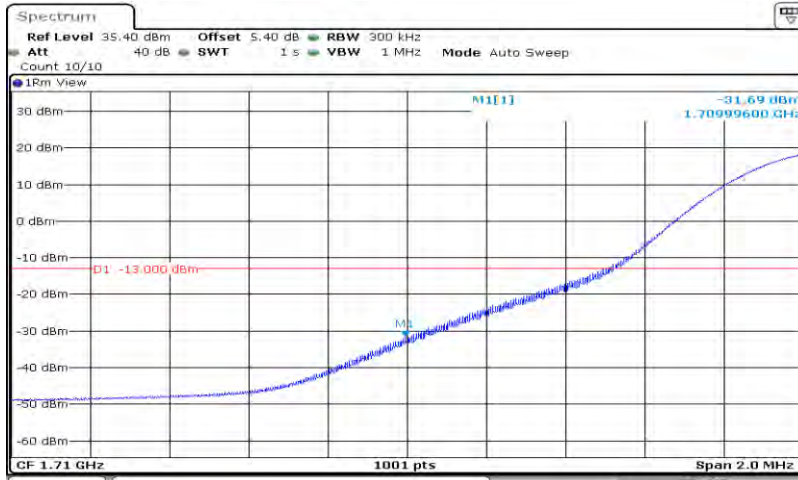
Date: 27 MAR 2020 15:44:45

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



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Date: 28.MAR.2020 04:55:09

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

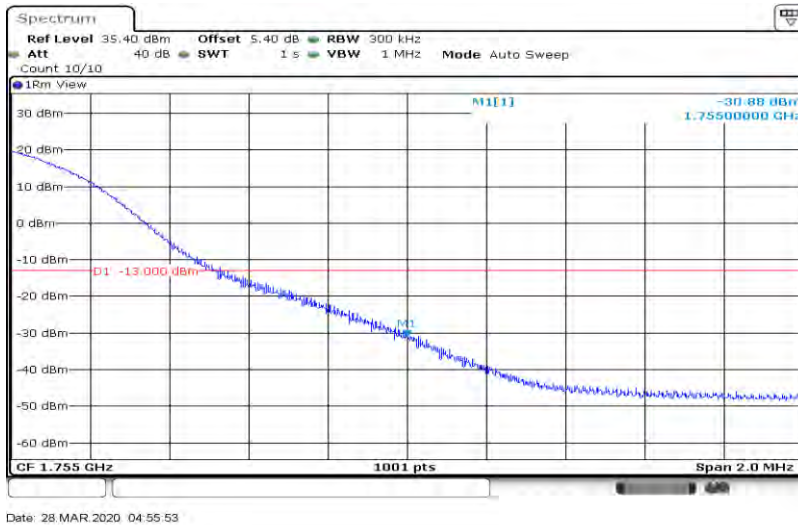


Date: 28.MAR.2020 04:55:28

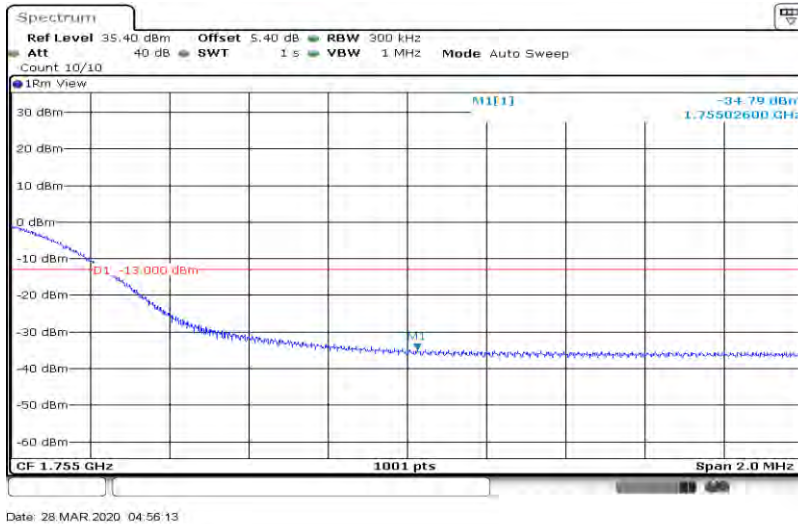
**Band4-20MHz-64QAM-20300-1RB#99**



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



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

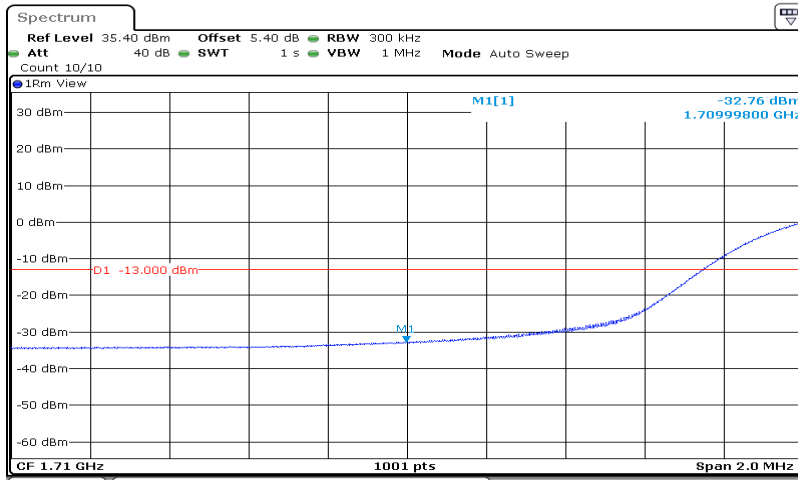


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Date: 27.MAR.2020 07:28:21

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

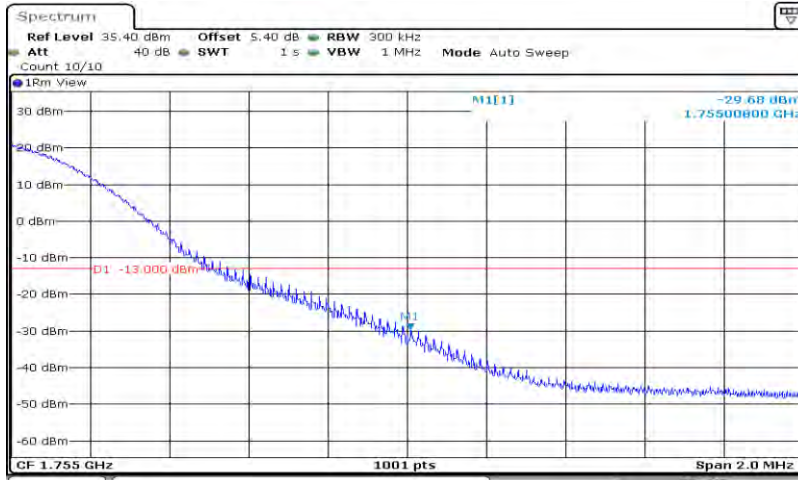


Date: 27.MAR.2020 15:43:33

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

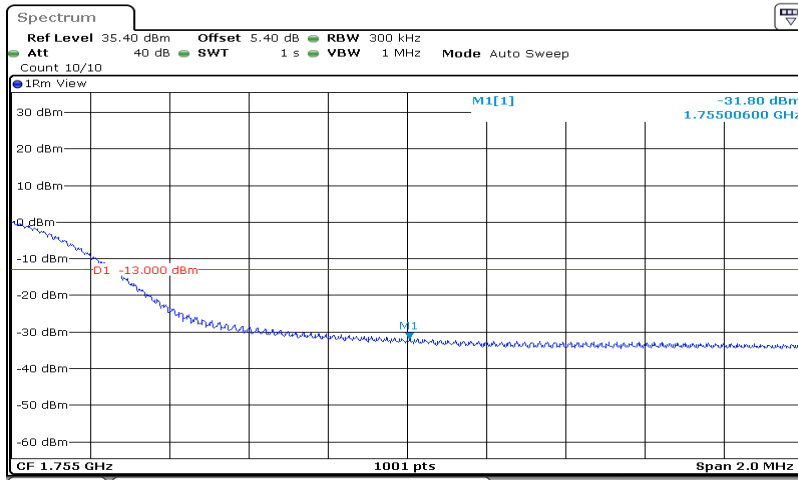


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Date: 27.MAR.2020 07:29:43

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



Date: 27.MAR.2020 15:45:07



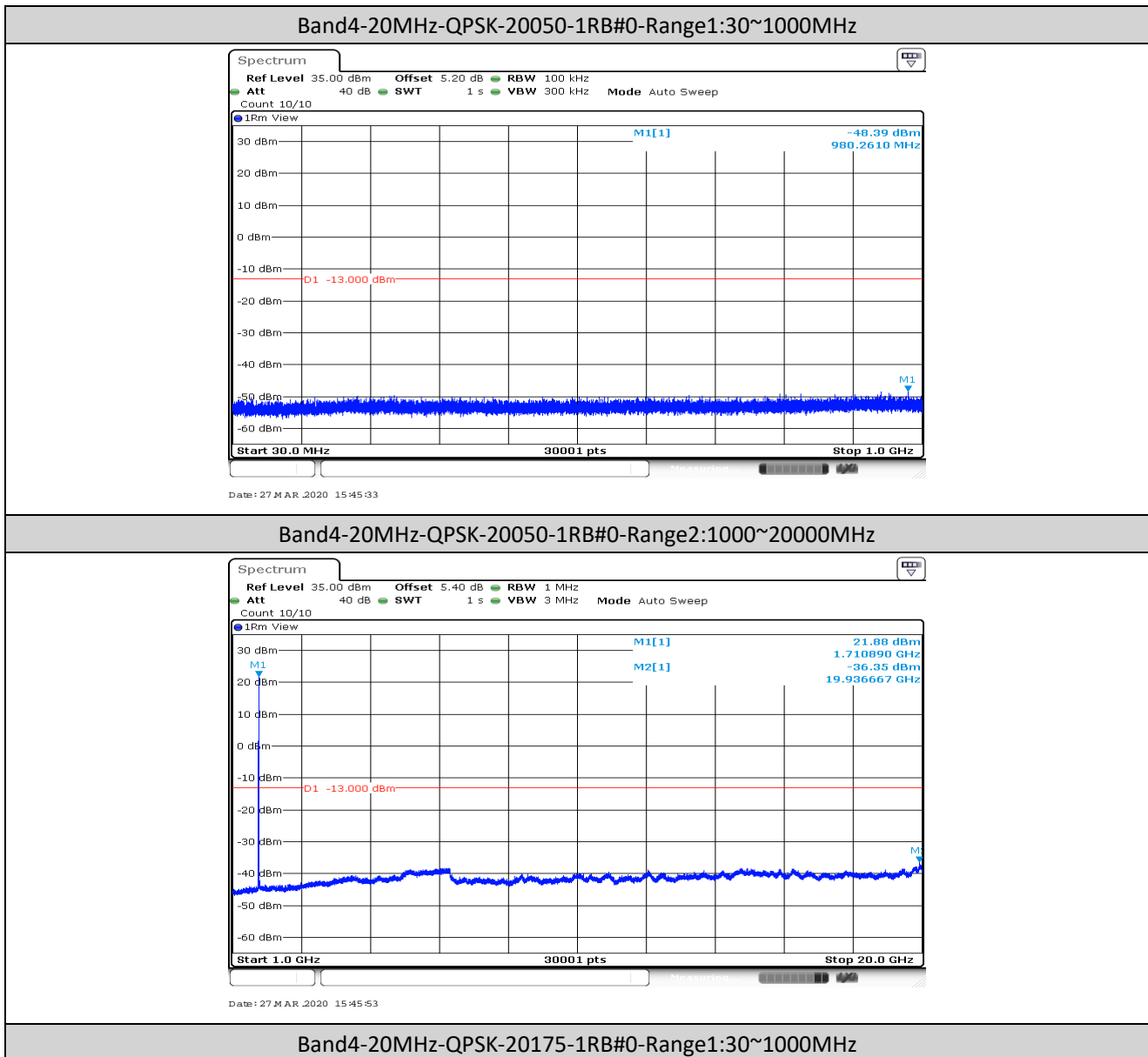
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## 6. Spurious Emission at Antenna Terminal

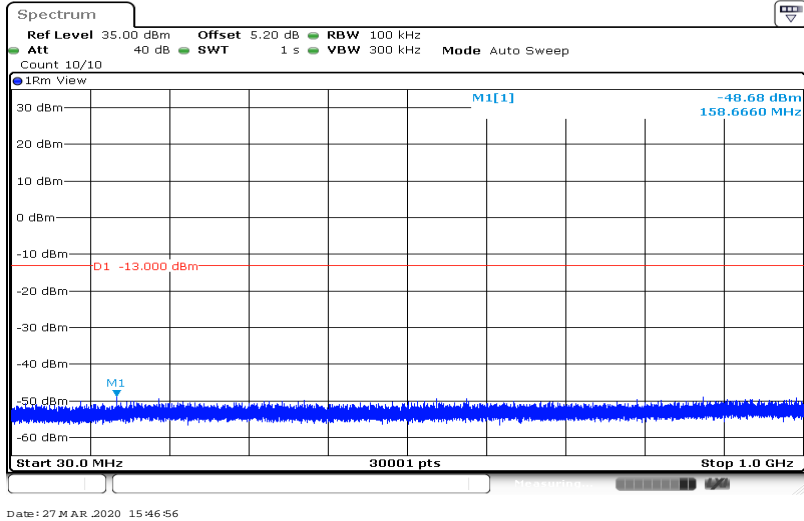
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points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

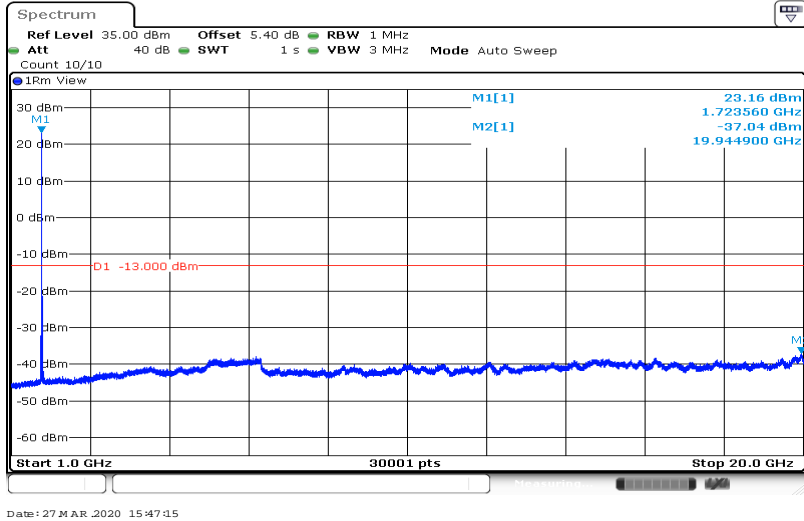
### 6.1. Test Plots



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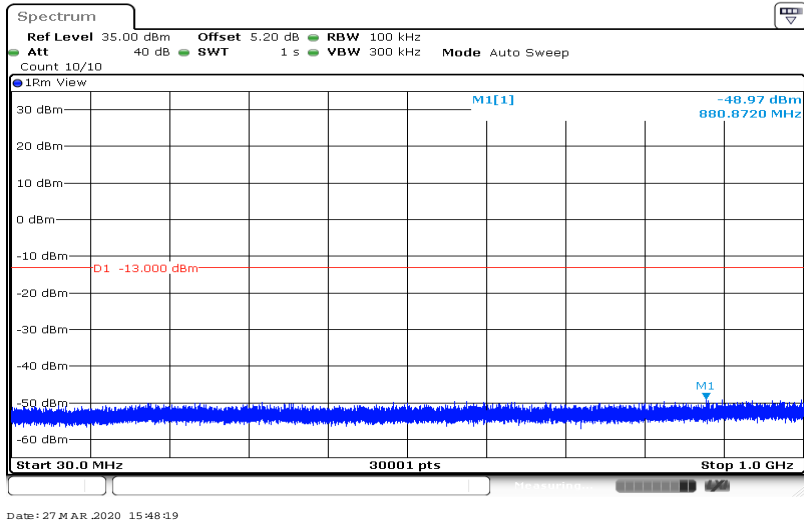
**Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz**



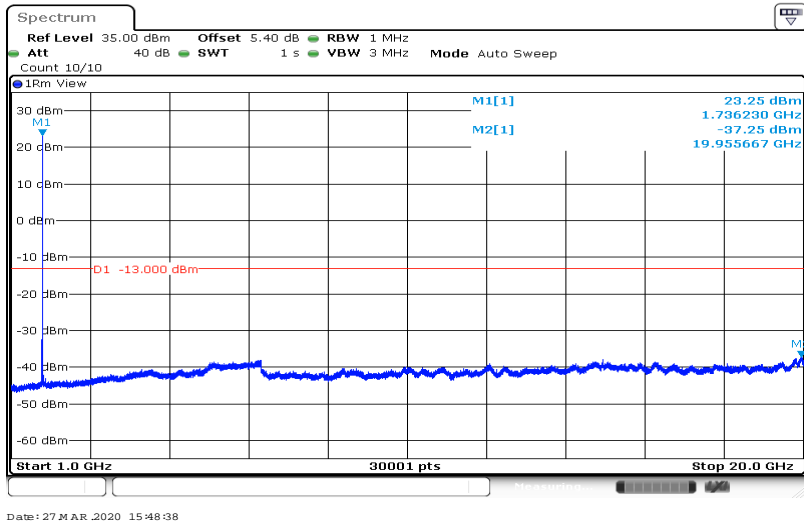
**Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz**



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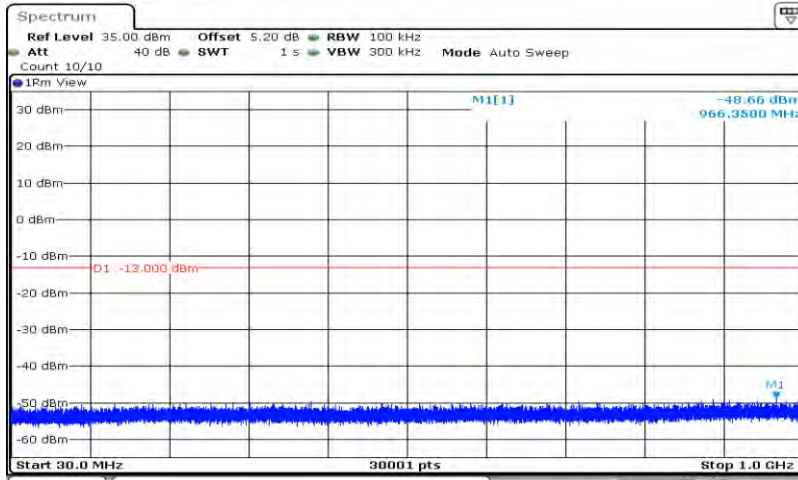
**Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz**



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

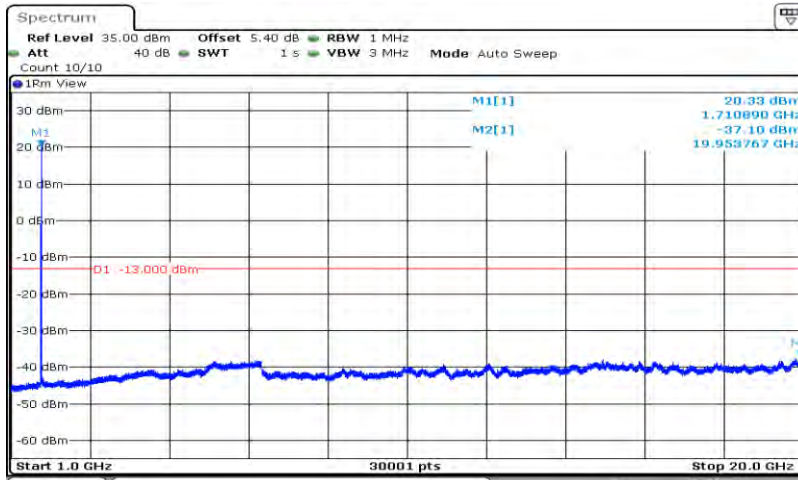


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Date: 28.MAR.2020 04:56:37

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



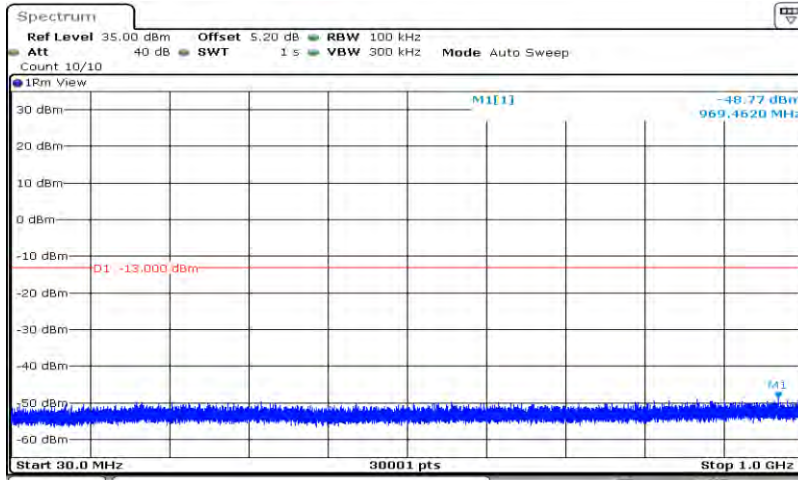
Date: 28.MAR.2020 04:56:53

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



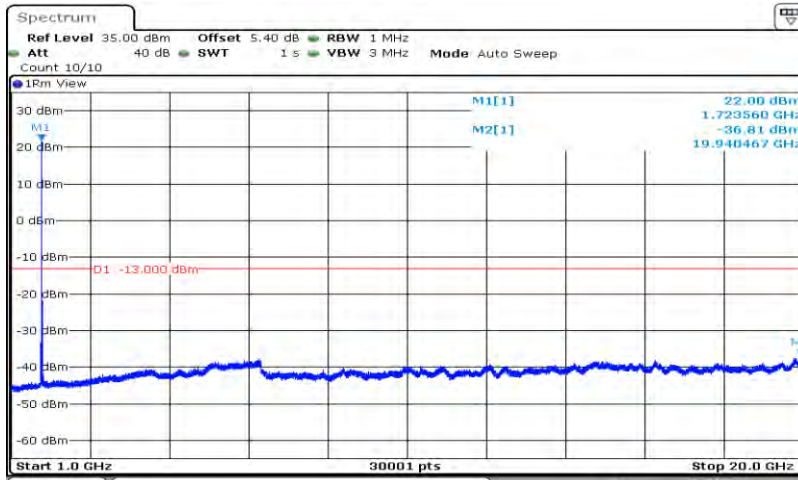
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Date: 28.MAR.2020 04:57:12

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

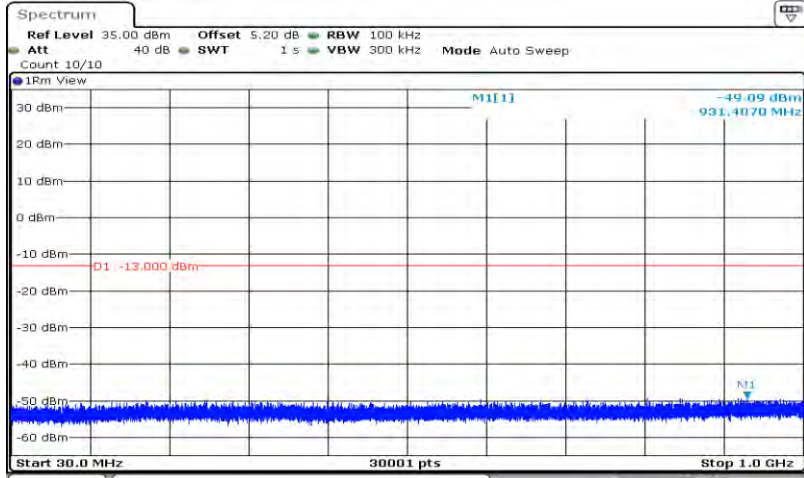


Date: 28.MAR.2020 04:57:28

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

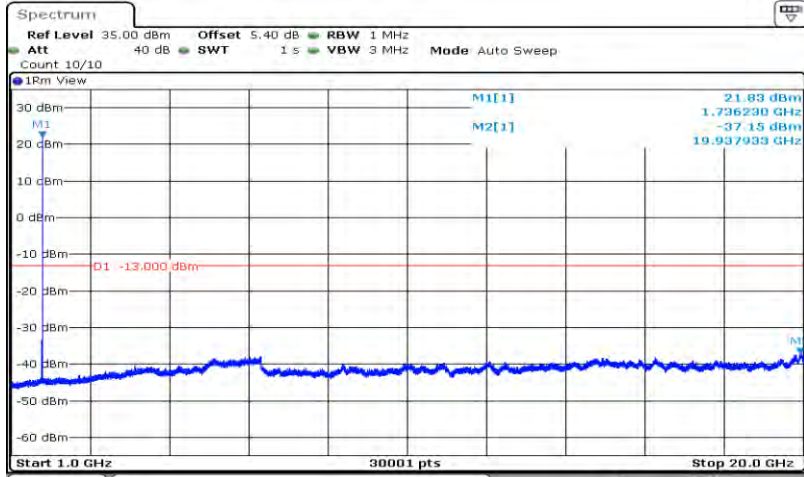


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Date: 28.MAR.2020 04:57:47

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

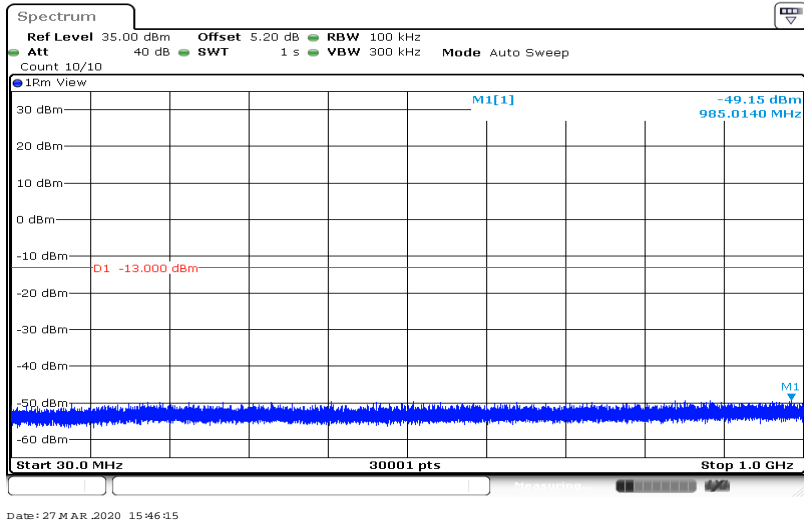


Date: 28.MAR.2020 04:58:04

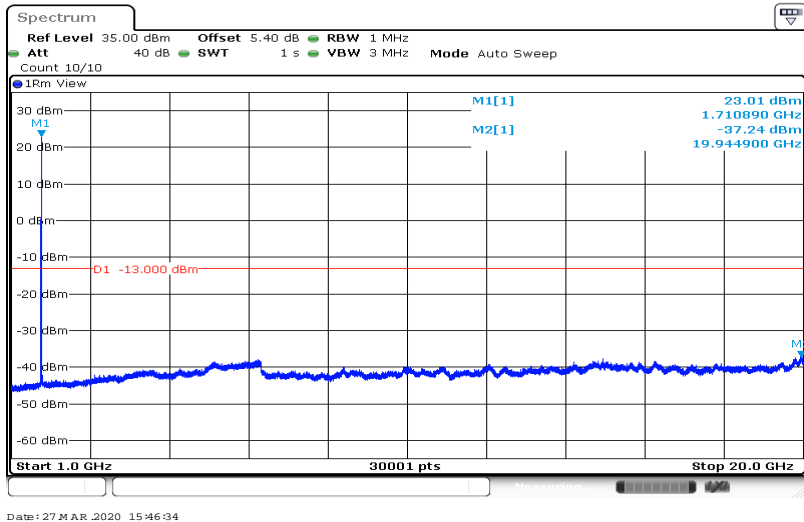
**Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz**



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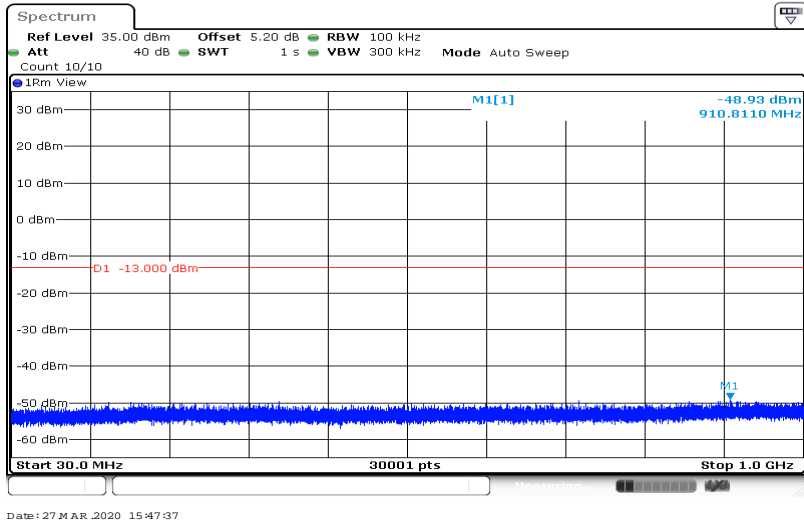
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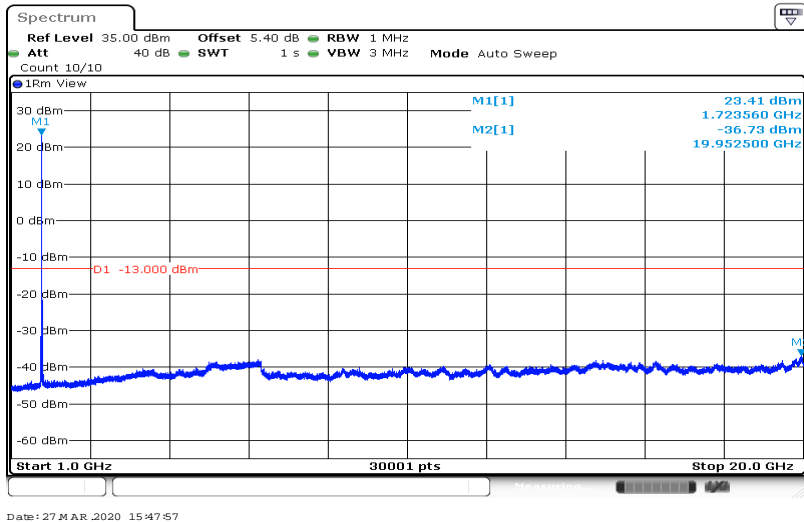
**Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz**



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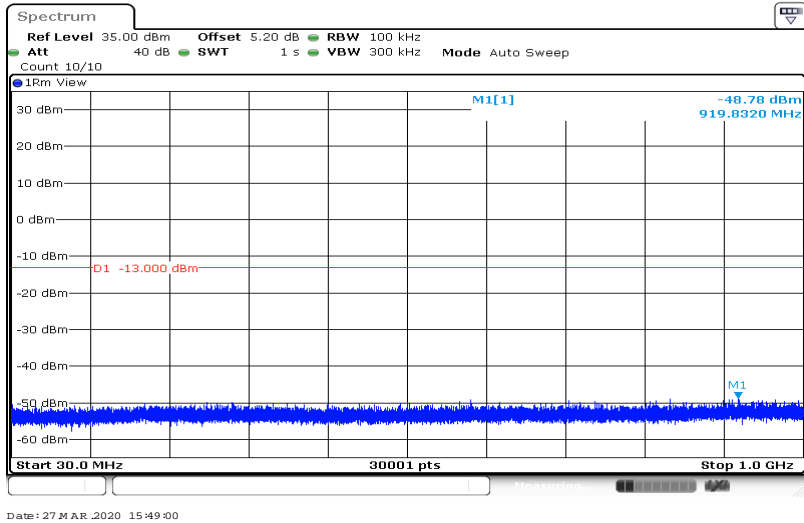
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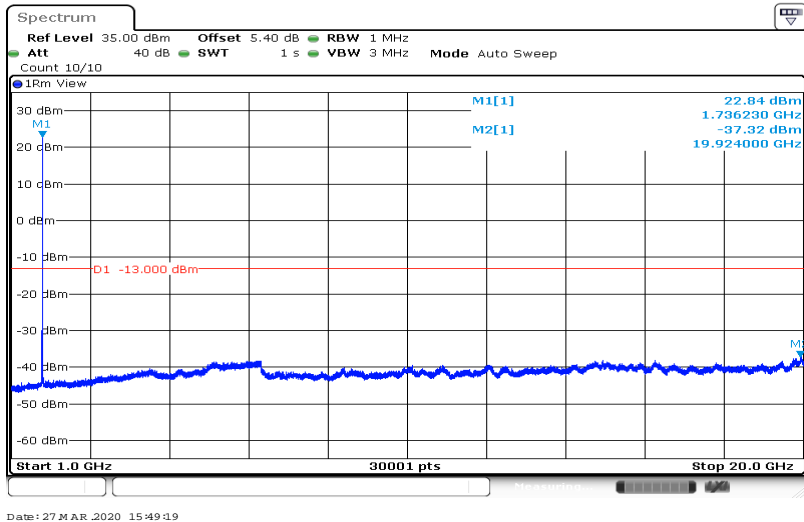
**Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz**



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



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## 7. Field Strength of Spurious Radiation

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

#### 7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
108.1859	-64.92	-13.00	51.92	Vertical
748.6119	-62.58	-13.00	49.58	Vertical
2575.9152	-32.99	-13.00	19.99	Vertical
7336.6446	-54.82	-13.00	41.82	Vertical
14697.8899	-46.66	-13.00	33.66	Vertical
17997.9999	-38.63	-13.00	25.63	Vertical
44.9872	-64.43	-13.00	51.43	Horizontal
246.5148	-68.52	-13.00	55.52	Horizontal
2695.9392	-35.11	-13.00	22.11	Horizontal
7481.1494	-55.47	-13.00	42.47	Horizontal
16400.9467	-42.93	-13.00	29.93	Horizontal
17998.5000	-43.69	-13.00	30.69	Horizontal

#### 7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
114.3457	-65.32	-13.00	52.32	Vertical
619.8380	-64.16	-13.00	51.16	Vertical
2696.3393	-36.61	-13.00	23.61	Vertical
7344.6448	-54.80	-13.00	41.80	Vertical
14700.3900	-46.12	-13.00	33.12	Vertical
17998.5000	-38.66	-13.00	25.66	Vertical
45.5693	-64.42	-13.00	51.42	Horizontal
624.2032	-63.73	-13.00	50.73	Horizontal
2698.7397	-35.43	-13.00	22.43	Horizontal
7351.6451	-55.26	-13.00	42.26	Horizontal
16400.4467	-42.69	-13.00	29.69	Horizontal
17994.9998	-43.70	-13.00	30.70	Horizontal



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### 7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
113.3757	-64.94	-13.00	51.94	Vertical
694.7742	-63.81	-13.00	50.81	Vertical
2695.1390	-36.21	-13.00	23.21	Vertical
7445.6482	-55.05	-13.00	42.05	Vertical
14449.8817	-46.34	-13.00	33.34	Vertical
17999.5000	-38.61	-13.00	25.61	Vertical
43.0472	-64.21	-13.00	51.21	Horizontal
232.4006	-67.81	-13.00	54.81	Horizontal
2705.1410	-35.10	-13.00	22.10	Horizontal
7445.1482	-55.26	-13.00	42.26	Horizontal
16372.4457	-43.01	-13.00	30.01	Horizontal
17999.5000	-43.70	-13.00	30.70	Horizontal

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

### 7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
51.7291	-73.00	-13.00	60.00	Vertical
112.2601	-64.82	-13.00	51.82	Vertical
755.2083	-63.08	-13.00	50.08	Vertical
2701.5403	-36.51	-13.00	23.51	Vertical
7353.6451	-54.76	-13.00	41.76	Vertical
17992.9998	-39.23	-13.00	26.23	Vertical
43.6777	-64.63	-13.00	51.63	Horizontal
246.0298	-68.19	-13.00	55.19	Horizontal
593.1617	-64.11	-13.00	51.11	Horizontal
2701.1402	-35.24	-13.00	22.24	Horizontal
7487.1496	-55.48	-13.00	42.48	Horizontal
16400.4467	-42.87	-13.00	29.87	Horizontal

### 7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
115.8978	-65.35	-13.00	52.35	Vertical
354.6752	-68.21	-13.00	55.21	Vertical
724.2152	-62.47	-13.00	49.47	Vertical



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2701.5403	-36.57	-13.00	23.57	Vertical
7459.6487	-55.26	-13.00	42.26	Vertical
17999.0000	-38.75	-13.00	25.75	Vertical
43.3867	-64.13	-13.00	51.13	Horizontal
238.0754	-68.59	-13.00	55.59	Horizontal
780.9145	-62.04	-13.00	49.04	Horizontal
2701.1402	-35.41	-13.00	22.41	Horizontal
7502.1501	-55.45	-13.00	42.45	Horizontal
16397.4466	-42.82	-13.00	29.82	Horizontal

### 7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
81.1701	-68.78	-13.00	55.78	Vertical
110.9505	-64.57	-13.00	51.57	Vertical
852.5041	-61.78	-13.00	48.78	Vertical
2997.5995	-37.40	-13.00	24.40	Vertical
7358.6453	-54.96	-13.00	41.96	Vertical
17997.4999	-39.22	-13.00	26.22	Vertical
46.3453	-64.13	-13.00	51.13	Horizontal
230.6545	-68.61	-13.00	55.61	Horizontal
736.2438	-62.06	-13.00	49.06	Horizontal
2689.1378	-35.33	-13.00	22.33	Horizontal
7456.1485	-55.39	-13.00	42.39	Horizontal
16384.4461	-43.27	-13.00	30.27	Horizontal

**Remark:**

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



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## 8. Frequency Stability

### 8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	-0.20	-0.000116	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	-0.10	-0.000058	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	6.70	0.003895	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-4.00	-0.002309	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	1.50	0.000866	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	0.00	0.000000	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-11.20	-0.006418	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-8.30	-0.004756	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-4.10	-0.002350	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VL	NT	-7.20	-0.004186	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VN	NT	-5.90	-0.003430	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VH	NT	-8.60	-0.005000	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VL	NT	-6.90	-0.003983	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VN	NT	5.20	0.003001	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VH	NT	-11.60	-0.006696	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VL	NT	-0.10	-0.000057	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VN	NT	2.70	0.001547	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VH	NT	7.60	0.004355	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	-9.60	-0.005581	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	-9.90	-0.005756	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	0.50	0.000291	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	-3.00	-0.001732	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	3.80	0.002193	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	-3.30	-0.001905	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	-5.60	-0.003209	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-8.20	-0.004699	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	6.40	0.003668	±2.5	PASS

### 8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
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Band4	20MHz	QPSK	20050	100RB#0	NV	-30	1.10	0.000640	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	-1.30	-0.000756	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	-2.70	-0.001570	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	-7.30	-0.004244	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	-3.70	-0.002151	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	7.60	0.004419	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	-2.20	-0.001279	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	1.40	0.000814	±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	-20	-5.00	-0.002886	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	2.50	0.001443	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	2.30	0.001328	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-11.20	-0.006465	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-3.30	-0.001905	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-9.40	-0.005426	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-1.40	-0.000808	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	0.60	0.000344	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-8.70	-0.004986	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	3.20	0.001834	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-11.00	-0.006304	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	5.30	0.003037	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	5.20	0.002980	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-8.00	-0.004585	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-5.30	-0.003037	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-30	2.80	0.001628	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-20	4.40	0.002558	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	0	7.40	0.004302	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	10	3.50	0.002035	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	20	3.30	0.001919	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	30	2.10	0.001221	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	40	-1.60	-0.000930	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	50	-7.10	-0.004128	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-30	-10.20	-0.005887	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-20	-4.90	-0.002828	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	0	6.30	0.003636	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	10	6.20	0.003579	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	20	-6.50	-0.003752	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	30	3.00	0.001732	±2.5	PASS



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Band4	20MHz	64QAM	20175	100RB#0	NV	40	5.90	0.003405	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	50	-5.30	-0.003059	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-30	1.90	0.001089	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-20	-5.20	-0.002980	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	0	2.80	0.001605	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	10	-1.90	-0.001089	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	20	-7.20	-0.004126	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	30	-8.50	-0.004871	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	40	-6.50	-0.003725	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	50	1.50	0.000860	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	3.00	0.001744	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	6.50	0.003779	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	-9.40	-0.005465	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	-9.50	-0.005523	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	4.70	0.002733	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	5.00	0.002907	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	-2.70	-0.001570	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	-10.20	-0.005930	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	-8.20	-0.004733	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	0.20	0.000115	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	-7.00	-0.004040	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	6.10	0.003521	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	-5.70	-0.003290	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	-10.00	-0.005772	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	6.00	0.003463	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	0.20	0.000115	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	7.10	0.004069	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-7.60	-0.004355	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-1.60	-0.000917	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	2.90	0.001662	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-4.40	-0.002521	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-9.80	-0.005616	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	0.30	0.000172	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-8.40	-0.004814	±2.5	PASS



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