



# Appendix B

## E-UTRA Band 41



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# 1 Effective (Isotropic) Radiated Power

## 1.1 Test Result

ANT1:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band41	5MHz	QPSK	40065	1RB#0	23.54	23.24	33.00	PASS
Band41	5MHz	QPSK	40065	1RB#12	23.66	23.36	33.00	PASS
Band41	5MHz	QPSK	40065	1RB#24	23.70	23.4	33.00	PASS
Band41	5MHz	QPSK	40065	12RB#0	22.86	22.56	33.00	PASS
Band41	5MHz	QPSK	40065	12RB#6	22.98	22.68	33.00	PASS
Band41	5MHz	QPSK	40065	12RB#13	22.97	22.67	33.00	PASS
Band41	5MHz	QPSK	40065	25RB#0	23.01	22.71	33.00	PASS
Band41	5MHz	QPSK	40640	1RB#0	<b>23.87</b>	23.57	33.00	PASS
Band41	5MHz	QPSK	40640	1RB#12	23.50	23.2	33.00	PASS
Band41	5MHz	QPSK	40640	1RB#24	23.64	23.34	33.00	PASS
Band41	5MHz	QPSK	40640	12RB#0	23.00	22.7	33.00	PASS
Band41	5MHz	QPSK	40640	12RB#6	22.93	22.63	33.00	PASS
Band41	5MHz	QPSK	40640	12RB#13	22.71	22.41	33.00	PASS
Band41	5MHz	QPSK	40640	25RB#0	22.91	22.61	33.00	PASS
Band41	5MHz	QPSK	41215	1RB#0	23.81	23.51	33.00	PASS
Band41	5MHz	QPSK	41215	1RB#12	23.57	23.27	33.00	PASS
Band41	5MHz	QPSK	41215	1RB#24	23.76	23.46	33.00	PASS
Band41	5MHz	QPSK	41215	12RB#0	22.92	22.62	33.00	PASS
Band41	5MHz	QPSK	41215	12RB#6	22.72	22.42	33.00	PASS
Band41	5MHz	QPSK	41215	12RB#13	22.75	22.45	33.00	PASS
Band41	5MHz	QPSK	41215	25RB#0	22.79	22.49	33.00	PASS
Band41	5MHz	16QAM	40065	1RB#0	22.79	22.49	33.00	PASS
Band41	5MHz	16QAM	40065	1RB#12	22.78	22.48	33.00	PASS
Band41	5MHz	16QAM	40065	1RB#24	22.83	22.53	33.00	PASS
Band41	5MHz	16QAM	40065	12RB#0	21.93	21.63	33.00	PASS
Band41	5MHz	16QAM	40065	12RB#6	22.12	21.82	33.00	PASS
Band41	5MHz	16QAM	40065	12RB#13	22.04	21.74	33.00	PASS
Band41	5MHz	16QAM	40065	25RB#0	22.09	21.79	33.00	PASS
Band41	5MHz	16QAM	40640	1RB#0	22.64	22.34	33.00	PASS
Band41	5MHz	16QAM	40640	1RB#12	22.63	22.33	33.00	PASS
Band41	5MHz	16QAM	40640	1RB#24	22.80	22.5	33.00	PASS



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Band41	5MHz	16QAM	40640	12RB#0	21.76	21.46	33.00	PASS
Band41	5MHz	16QAM	40640	12RB#6	21.92	21.62	33.00	PASS
Band41	5MHz	16QAM	40640	12RB#13	21.88	21.58	33.00	PASS
Band41	5MHz	16QAM	40640	25RB#0	21.87	21.57	33.00	PASS
Band41	5MHz	16QAM	41215	1RB#0	22.68	22.38	33.00	PASS
Band41	5MHz	16QAM	41215	1RB#12	22.81	22.51	33.00	PASS
Band41	5MHz	16QAM	41215	1RB#24	22.79	22.49	33.00	PASS
Band41	5MHz	16QAM	41215	12RB#0	21.94	21.64	33.00	PASS
Band41	5MHz	16QAM	41215	12RB#6	21.81	21.51	33.00	PASS
Band41	5MHz	16QAM	41215	12RB#13	21.86	21.56	33.00	PASS
Band41	5MHz	16QAM	41215	25RB#0	21.86	21.56	33.00	PASS
Band41	5MHz	64QAM	40065	1RB#0	21.44	21.14	33.00	PASS
Band41	5MHz	64QAM	40065	1RB#12	21.54	21.24	33.00	PASS
Band41	5MHz	64QAM	40065	1RB#24	21.57	21.27	33.00	PASS
Band41	5MHz	64QAM	40065	12RB#0	20.81	20.51	33.00	PASS
Band41	5MHz	64QAM	40065	12RB#6	20.95	20.65	33.00	PASS
Band41	5MHz	64QAM	40065	12RB#13	20.88	20.58	33.00	PASS
Band41	5MHz	64QAM	40065	25RB#0	20.89	20.59	33.00	PASS
Band41	5MHz	64QAM	40640	1RB#0	21.81	21.51	33.00	PASS
Band41	5MHz	64QAM	40640	1RB#12	21.50	21.2	33.00	PASS
Band41	5MHz	64QAM	40640	1RB#24	21.58	21.28	33.00	PASS
Band41	5MHz	64QAM	40640	12RB#0	20.92	20.62	33.00	PASS
Band41	5MHz	64QAM	40640	12RB#6	20.81	20.51	33.00	PASS
Band41	5MHz	64QAM	40640	12RB#13	20.58	20.28	33.00	PASS
Band41	5MHz	64QAM	40640	25RB#0	20.88	20.58	33.00	PASS
Band41	5MHz	64QAM	41215	1RB#0	21.79	21.49	33.00	PASS
Band41	5MHz	64QAM	41215	1RB#12	21.55	21.25	33.00	PASS
Band41	5MHz	64QAM	41215	1RB#24	21.73	21.43	33.00	PASS
Band41	5MHz	64QAM	41215	12RB#0	20.89	20.59	33.00	PASS
Band41	5MHz	64QAM	41215	12RB#6	20.59	20.29	33.00	PASS
Band41	5MHz	64QAM	41215	12RB#13	20.72	20.42	33.00	PASS
Band41	5MHz	64QAM	41215	25RB#0	20.69	20.39	33.00	PASS
Band41	10MHz	QPSK	40090	1RB#0	23.52	23.22	33.00	PASS
Band41	10MHz	QPSK	40090	1RB#24	23.71	23.41	33.00	PASS
Band41	10MHz	QPSK	40090	1RB#49	23.72	23.42	33.00	PASS
Band41	10MHz	QPSK	40090	25RB#0	22.88	22.58	33.00	PASS
Band41	10MHz	QPSK	40090	25RB#12	22.94	22.64	33.00	PASS
Band41	10MHz	QPSK	40090	25RB#25	22.96	22.66	33.00	PASS



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Band41	10MHz	QPSK	40090	50RB#0	23.00	22.7	33.00	PASS
Band41	10MHz	QPSK	40640	1RB#0	<b>23.88</b>	23.58	33.00	PASS
Band41	10MHz	QPSK	40640	1RB#24	23.52	23.22	33.00	PASS
Band41	10MHz	QPSK	40640	1RB#49	23.64	23.34	33.00	PASS
Band41	10MHz	QPSK	40640	25RB#0	23.01	22.71	33.00	PASS
Band41	10MHz	QPSK	40640	25RB#12	22.96	22.66	33.00	PASS
Band41	10MHz	QPSK	40640	25RB#25	22.72	22.42	33.00	PASS
Band41	10MHz	QPSK	40640	50RB#0	22.91	22.61	33.00	PASS
Band41	10MHz	QPSK	41190	1RB#0	23.78	23.48	33.00	PASS
Band41	10MHz	QPSK	41190	1RB#24	23.57	23.27	33.00	PASS
Band41	10MHz	QPSK	41190	1RB#49	23.75	23.45	33.00	PASS
Band41	10MHz	QPSK	41190	25RB#0	22.93	22.63	33.00	PASS
Band41	10MHz	QPSK	41190	25RB#12	22.74	22.44	33.00	PASS
Band41	10MHz	QPSK	41190	25RB#25	22.80	22.5	33.00	PASS
Band41	10MHz	QPSK	41190	50RB#0	22.76	22.46	33.00	PASS
Band41	10MHz	16QAM	40090	1RB#0	22.79	22.49	33.00	PASS
Band41	10MHz	16QAM	40090	1RB#24	22.82	22.52	33.00	PASS
Band41	10MHz	16QAM	40090	1RB#49	22.88	22.58	33.00	PASS
Band41	10MHz	16QAM	40090	25RB#0	21.96	21.66	33.00	PASS
Band41	10MHz	16QAM	40090	25RB#12	22.13	21.83	33.00	PASS
Band41	10MHz	16QAM	40090	25RB#25	22.04	21.74	33.00	PASS
Band41	10MHz	16QAM	40090	50RB#0	22.07	21.77	33.00	PASS
Band41	10MHz	16QAM	40640	1RB#0	22.63	22.33	33.00	PASS
Band41	10MHz	16QAM	40640	1RB#24	22.66	22.36	33.00	PASS
Band41	10MHz	16QAM	40640	1RB#49	22.85	22.55	33.00	PASS
Band41	10MHz	16QAM	40640	25RB#0	21.77	21.47	33.00	PASS
Band41	10MHz	16QAM	40640	25RB#12	21.90	21.6	33.00	PASS
Band41	10MHz	16QAM	40640	25RB#25	21.88	21.58	33.00	PASS
Band41	10MHz	16QAM	40640	50RB#0	21.91	21.61	33.00	PASS
Band41	10MHz	16QAM	41190	1RB#0	22.66	22.36	33.00	PASS
Band41	10MHz	16QAM	41190	1RB#24	22.82	22.52	33.00	PASS
Band41	10MHz	16QAM	41190	1RB#49	22.81	22.51	33.00	PASS
Band41	10MHz	16QAM	41190	25RB#0	21.96	21.66	33.00	PASS
Band41	10MHz	16QAM	41190	25RB#12	21.77	21.47	33.00	PASS
Band41	10MHz	16QAM	41190	25RB#25	21.85	21.55	33.00	PASS
Band41	10MHz	16QAM	41190	50RB#0	21.83	21.53	33.00	PASS
Band41	10MHz	64QAM	40090	1RB#0	21.50	21.2	33.00	PASS
Band41	10MHz	64QAM	40090	1RB#24	21.67	21.37	33.00	PASS



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Band41	10MHz	64QAM	40090	1RB#49	21.64	21.34	33.00	PASS
Band41	10MHz	64QAM	40090	25RB#0	20.87	20.57	33.00	PASS
Band41	10MHz	64QAM	40090	25RB#12	20.93	20.63	33.00	PASS
Band41	10MHz	64QAM	40090	25RB#25	20.86	20.56	33.00	PASS
Band41	10MHz	64QAM	40090	50RB#0	20.95	20.65	33.00	PASS
Band41	10MHz	64QAM	40640	1RB#0	21.85	21.55	33.00	PASS
Band41	10MHz	64QAM	40640	1RB#24	21.40	21.1	33.00	PASS
Band41	10MHz	64QAM	40640	1RB#49	21.57	21.27	33.00	PASS
Band41	10MHz	64QAM	40640	25RB#0	20.88	20.58	33.00	PASS
Band41	10MHz	64QAM	40640	25RB#12	20.95	20.65	33.00	PASS
Band41	10MHz	64QAM	40640	25RB#25	20.60	20.3	33.00	PASS
Band41	10MHz	64QAM	40640	50RB#0	20.88	20.58	33.00	PASS
Band41	10MHz	64QAM	41190	1RB#0	21.75	21.45	33.00	PASS
Band41	10MHz	64QAM	41190	1RB#24	21.50	21.2	33.00	PASS
Band41	10MHz	64QAM	41190	1RB#49	21.71	21.41	33.00	PASS
Band41	10MHz	64QAM	41190	25RB#0	20.86	20.56	33.00	PASS
Band41	10MHz	64QAM	41190	25RB#12	20.70	20.4	33.00	PASS
Band41	10MHz	64QAM	41190	25RB#25	20.69	20.39	33.00	PASS
Band41	10MHz	64QAM	41190	50RB#0	20.75	20.45	33.00	PASS
Band41	15MHz	QPSK	40115	1RB#0	23.54	23.24	33.00	PASS
Band41	15MHz	QPSK	40115	1RB#38	23.70	23.4	33.00	PASS
Band41	15MHz	QPSK	40115	1RB#74	23.72	23.42	33.00	PASS
Band41	15MHz	QPSK	40115	38RB#0	22.86	22.56	33.00	PASS
Band41	15MHz	QPSK	40115	38RB#18	22.96	22.66	33.00	PASS
Band41	15MHz	QPSK	40115	38RB#37	22.95	22.65	33.00	PASS
Band41	15MHz	QPSK	40115	75RB#0	23.01	22.71	33.00	PASS
Band41	15MHz	QPSK	40640	1RB#0	<b>23.84</b>	23.54	33.00	PASS
Band41	15MHz	QPSK	40640	1RB#38	23.52	23.22	33.00	PASS
Band41	15MHz	QPSK	40640	1RB#74	23.64	23.34	33.00	PASS
Band41	15MHz	QPSK	40640	38RB#0	23.01	22.71	33.00	PASS
Band41	15MHz	QPSK	40640	38RB#18	22.93	22.63	33.00	PASS
Band41	15MHz	QPSK	40640	38RB#37	22.71	22.41	33.00	PASS
Band41	15MHz	QPSK	40640	75RB#0	22.93	22.63	33.00	PASS
Band41	15MHz	QPSK	41165	1RB#0	23.80	23.5	33.00	PASS
Band41	15MHz	QPSK	41165	1RB#38	23.59	23.29	33.00	PASS
Band41	15MHz	QPSK	41165	1RB#74	23.73	23.43	33.00	PASS
Band41	15MHz	QPSK	41165	38RB#0	22.89	22.59	33.00	PASS
Band41	15MHz	QPSK	41165	38RB#18	22.74	22.44	33.00	PASS



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Band41	15MHz	QPSK	41165	38RB#37	22.76	22.46	33.00	PASS
Band41	15MHz	QPSK	41165	75RB#0	22.80	22.5	33.00	PASS
Band41	15MHz	16QAM	40115	1RB#0	22.80	22.5	33.00	PASS
Band41	15MHz	16QAM	40115	1RB#38	22.80	22.5	33.00	PASS
Band41	15MHz	16QAM	40115	1RB#74	22.83	22.53	33.00	PASS
Band41	15MHz	16QAM	40115	38RB#0	21.94	21.64	33.00	PASS
Band41	15MHz	16QAM	40115	38RB#18	22.17	21.87	33.00	PASS
Band41	15MHz	16QAM	40115	38RB#37	22.02	21.72	33.00	PASS
Band41	15MHz	16QAM	40115	75RB#0	22.10	21.8	33.00	PASS
Band41	15MHz	16QAM	40640	1RB#0	22.66	22.36	33.00	PASS
Band41	15MHz	16QAM	40640	1RB#38	22.66	22.36	33.00	PASS
Band41	15MHz	16QAM	40640	1RB#74	22.85	22.55	33.00	PASS
Band41	15MHz	16QAM	40640	38RB#0	21.76	21.46	33.00	PASS
Band41	15MHz	16QAM	40640	38RB#18	21.91	21.61	33.00	PASS
Band41	15MHz	16QAM	40640	38RB#37	21.90	21.6	33.00	PASS
Band41	15MHz	16QAM	40640	75RB#0	21.88	21.58	33.00	PASS
Band41	15MHz	16QAM	41165	1RB#0	22.67	22.37	33.00	PASS
Band41	15MHz	16QAM	41165	1RB#38	22.82	22.52	33.00	PASS
Band41	15MHz	16QAM	41165	1RB#74	22.82	22.52	33.00	PASS
Band41	15MHz	16QAM	41165	38RB#0	21.97	21.67	33.00	PASS
Band41	15MHz	16QAM	41165	38RB#18	21.79	21.49	33.00	PASS
Band41	15MHz	16QAM	41165	38RB#37	21.88	21.58	33.00	PASS
Band41	15MHz	16QAM	41165	75RB#0	21.82	21.52	33.00	PASS
Band41	15MHz	64QAM	40115	1RB#0	21.49	21.19	33.00	PASS
Band41	15MHz	64QAM	40115	1RB#38	21.69	21.39	33.00	PASS
Band41	15MHz	64QAM	40115	1RB#74	21.61	21.31	33.00	PASS
Band41	15MHz	64QAM	40115	38RB#0	20.82	20.52	33.00	PASS
Band41	15MHz	64QAM	40115	38RB#18	20.90	20.6	33.00	PASS
Band41	15MHz	64QAM	40115	38RB#37	20.86	20.56	33.00	PASS
Band41	15MHz	64QAM	40115	75RB#0	20.90	20.6	33.00	PASS
Band41	15MHz	64QAM	40640	1RB#0	21.84	21.54	33.00	PASS
Band41	15MHz	64QAM	40640	1RB#38	21.50	21.2	33.00	PASS
Band41	15MHz	64QAM	40640	1RB#74	21.59	21.29	33.00	PASS
Band41	15MHz	64QAM	40640	38RB#0	20.93	20.63	33.00	PASS
Band41	15MHz	64QAM	40640	38RB#18	20.84	20.54	33.00	PASS
Band41	15MHz	64QAM	40640	38RB#37	20.70	20.4	33.00	PASS
Band41	15MHz	64QAM	40640	75RB#0	20.80	20.5	33.00	PASS
Band41	15MHz	64QAM	41165	1RB#0	21.71	21.41	33.00	PASS



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Band41	15MHz	64QAM	41165	1RB#38	21.54	21.24	33.00	PASS
Band41	15MHz	64QAM	41165	1RB#74	21.69	21.39	33.00	PASS
Band41	15MHz	64QAM	41165	38RB#0	20.84	20.54	33.00	PASS
Band41	15MHz	64QAM	41165	38RB#18	20.64	20.34	33.00	PASS
Band41	15MHz	64QAM	41165	38RB#37	20.67	20.37	33.00	PASS
Band41	15MHz	64QAM	41165	75RB#0	20.71	20.41	33.00	PASS
Band41	20MHz	QPSK	40140	1RB#0	23.51	23.21	33.00	PASS
Band41	20MHz	QPSK	40140	1RB#49	23.68	23.38	33.00	PASS
Band41	20MHz	QPSK	40140	1RB#99	23.71	23.41	33.00	PASS
Band41	20MHz	QPSK	40140	50RB#0	22.88	22.58	33.00	PASS
Band41	20MHz	QPSK	40140	50RB#25	22.98	22.68	33.00	PASS
Band41	20MHz	QPSK	40140	50RB#50	22.95	22.65	33.00	PASS
Band41	20MHz	QPSK	40140	100RB#0	23.04	22.74	33.00	PASS
Band41	20MHz	QPSK	40640	1RB#0	23.84	23.54	33.00	PASS
Band41	20MHz	QPSK	40640	1RB#49	23.55	23.25	33.00	PASS
Band41	20MHz	QPSK	40640	1RB#99	23.62	23.32	33.00	PASS
Band41	20MHz	QPSK	40640	50RB#0	22.91	22.61	33.00	PASS
Band41	20MHz	QPSK	40640	50RB#25	22.94	22.64	33.00	PASS
Band41	20MHz	QPSK	40640	50RB#50	22.74	22.44	33.00	PASS
Band41	20MHz	QPSK	40640	100RB#0	22.88	22.58	33.00	PASS
Band41	20MHz	QPSK	41140	1RB#0	23.82	23.52	33.00	PASS
Band41	20MHz	QPSK	41140	1RB#49	23.57	23.27	33.00	PASS
Band41	20MHz	QPSK	41140	1RB#99	23.72	23.42	33.00	PASS
Band41	20MHz	QPSK	41140	50RB#0	22.90	22.6	33.00	PASS
Band41	20MHz	QPSK	41140	50RB#25	22.76	22.46	33.00	PASS
Band41	20MHz	QPSK	41140	50RB#50	22.75	22.45	33.00	PASS
Band41	20MHz	QPSK	41140	100RB#0	22.76	22.46	33.00	PASS
Band41	20MHz	16QAM	40140	1RB#0	22.80	22.5	33.00	PASS
Band41	20MHz	16QAM	40140	1RB#49	22.78	22.48	33.00	PASS
Band41	20MHz	16QAM	40140	1RB#99	22.83	22.53	33.00	PASS
Band41	20MHz	16QAM	40140	50RB#0	21.93	21.63	33.00	PASS
Band41	20MHz	16QAM	40140	50RB#25	22.14	21.84	33.00	PASS
Band41	20MHz	16QAM	40140	50RB#50	22.01	21.71	33.00	PASS
Band41	20MHz	16QAM	40140	100RB#0	22.11	21.81	33.00	PASS
Band41	20MHz	16QAM	40640	1RB#0	22.65	22.35	33.00	PASS
Band41	20MHz	16QAM	40640	1RB#49	22.63	22.33	33.00	PASS
Band41	20MHz	16QAM	40640	1RB#99	22.81	22.51	33.00	PASS
Band41	20MHz	16QAM	40640	50RB#0	21.77	21.47	33.00	PASS



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Band41	20MHz	16QAM	40640	50RB#25	21.94	21.64	33.00	PASS
Band41	20MHz	16QAM	40640	50RB#50	21.88	21.58	33.00	PASS
Band41	20MHz	16QAM	40640	100RB#0	21.91	21.61	33.00	PASS
Band41	20MHz	16QAM	41140	1RB#0	22.68	22.38	33.00	PASS
Band41	20MHz	16QAM	41140	1RB#49	22.81	22.51	33.00	PASS
Band41	20MHz	16QAM	41140	1RB#99	22.82	22.52	33.00	PASS
Band41	20MHz	16QAM	41140	50RB#0	21.97	21.67	33.00	PASS
Band41	20MHz	16QAM	41140	50RB#25	21.77	21.47	33.00	PASS
Band41	20MHz	16QAM	41140	50RB#50	21.89	21.59	33.00	PASS
Band41	20MHz	16QAM	41140	100RB#0	21.85	21.55	33.00	PASS
Band41	20MHz	64QAM	40140	1RB#0	21.38	21.08	33.00	PASS
Band41	20MHz	64QAM	40140	1RB#49	21.65	21.35	33.00	PASS
Band41	20MHz	64QAM	40140	1RB#99	21.65	21.35	33.00	PASS
Band41	20MHz	64QAM	40140	50RB#0	20.76	20.46	33.00	PASS
Band41	20MHz	64QAM	40140	50RB#25	20.96	20.66	33.00	PASS
Band41	20MHz	64QAM	40140	50RB#50	20.91	20.61	33.00	PASS
Band41	20MHz	64QAM	40140	100RB#0	21.01	20.71	33.00	PASS
Band41	20MHz	64QAM	40640	1RB#0	21.82	21.52	33.00	PASS
Band41	20MHz	64QAM	40640	1RB#49	21.42	21.12	33.00	PASS
Band41	20MHz	64QAM	40640	1RB#99	21.54	21.24	33.00	PASS
Band41	20MHz	64QAM	40640	50RB#0	20.99	20.69	33.00	PASS
Band41	20MHz	64QAM	40640	50RB#25	20.90	20.6	33.00	PASS
Band41	20MHz	64QAM	40640	50RB#50	20.68	20.38	33.00	PASS
Band41	20MHz	64QAM	40640	100RB#0	20.78	20.48	33.00	PASS
Band41	20MHz	64QAM	41140	1RB#0	21.81	21.51	33.00	PASS
Band41	20MHz	64QAM	41140	1RB#49	21.55	21.25	33.00	PASS
Band41	20MHz	64QAM	41140	1RB#99	21.68	21.38	33.00	PASS
Band41	20MHz	64QAM	41140	50RB#0	20.82	20.52	33.00	PASS
Band41	20MHz	64QAM	41140	50RB#25	20.70	20.4	33.00	PASS
Band41	20MHz	64QAM	41140	50RB#50	20.66	20.36	33.00	PASS
Band41	20MHz	64QAM	41140	100RB#0	20.73	20.43	33.00	PASS



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**ANT2:**

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band41	5MHz	QPSK	40065	1RB#0	22.38	24.18	33.00	PASS
Band41	5MHz	QPSK	40065	1RB#12	22.41	24.21	33.00	PASS
Band41	5MHz	QPSK	40065	1RB#24	22.35	24.15	33.00	PASS
Band41	5MHz	QPSK	40065	12RB#0	22.43	24.23	33.00	PASS
Band41	5MHz	QPSK	40065	12RB#6	22.35	24.15	33.00	PASS
Band41	5MHz	QPSK	40065	12RB#13	22.41	24.21	33.00	PASS
Band41	5MHz	QPSK	40065	25RB#0	22.45	24.25	33.00	PASS
Band41	5MHz	QPSK	40640	1RB#0	<b>22.66</b>	24.46	33.00	PASS
Band41	5MHz	QPSK	40640	1RB#12	22.56	24.36	33.00	PASS
Band41	5MHz	QPSK	40640	1RB#24	22.58	24.38	33.00	PASS
Band41	5MHz	QPSK	40640	12RB#0	22.34	24.14	33.00	PASS
Band41	5MHz	QPSK	40640	12RB#6	22.26	24.06	33.00	PASS
Band41	5MHz	QPSK	40640	12RB#13	22.15	23.95	33.00	PASS
Band41	5MHz	QPSK	40640	25RB#0	22.43	24.23	33.00	PASS
Band41	5MHz	QPSK	41215	1RB#0	22.35	24.15	33.00	PASS
Band41	5MHz	QPSK	41215	1RB#12	22.39	24.19	33.00	PASS
Band41	5MHz	QPSK	41215	1RB#24	22.31	24.11	33.00	PASS
Band41	5MHz	QPSK	41215	12RB#0	22.36	24.16	33.00	PASS
Band41	5MHz	QPSK	41215	12RB#6	22.31	24.11	33.00	PASS
Band41	5MHz	QPSK	41215	12RB#13	22.36	24.16	33.00	PASS
Band41	5MHz	QPSK	41215	25RB#0	22.42	24.22	33.00	PASS
Band41	5MHz	16QAM	40065	1RB#0	22.45	24.25	33.00	PASS
Band41	5MHz	16QAM	40065	1RB#12	22.20	24	33.00	PASS
Band41	5MHz	16QAM	40065	1RB#24	22.03	23.83	33.00	PASS
Band41	5MHz	16QAM	40065	12RB#0	21.75	23.55	33.00	PASS
Band41	5MHz	16QAM	40065	12RB#6	21.94	23.74	33.00	PASS
Band41	5MHz	16QAM	40065	12RB#13	22.08	23.88	33.00	PASS
Band41	5MHz	16QAM	40065	25RB#0	21.94	23.74	33.00	PASS
Band41	5MHz	16QAM	40640	1RB#0	22.29	24.09	33.00	PASS
Band41	5MHz	16QAM	40640	1RB#12	22.41	24.21	33.00	PASS
Band41	5MHz	16QAM	40640	1RB#24	22.10	23.9	33.00	PASS
Band41	5MHz	16QAM	40640	12RB#0	21.89	23.69	33.00	PASS
Band41	5MHz	16QAM	40640	12RB#6	21.69	23.49	33.00	PASS
Band41	5MHz	16QAM	40640	12RB#13	21.75	23.55	33.00	PASS
Band41	5MHz	16QAM	40640	25RB#0	21.82	23.62	33.00	PASS



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Band41	5MHz	16QAM	41215	1RB#0	22.47	24.27	33.00	PASS
Band41	5MHz	16QAM	41215	1RB#12	22.20	24	33.00	PASS
Band41	5MHz	16QAM	41215	1RB#24	22.02	23.82	33.00	PASS
Band41	5MHz	16QAM	41215	12RB#0	21.71	23.51	33.00	PASS
Band41	5MHz	16QAM	41215	12RB#6	21.89	23.69	33.00	PASS
Band41	5MHz	16QAM	41215	12RB#13	22.02	23.82	33.00	PASS
Band41	5MHz	16QAM	41215	25RB#0	21.94	23.74	33.00	PASS
Band41	5MHz	64QAM	40065	1RB#0	21.89	23.69	33.00	PASS
Band41	5MHz	64QAM	40065	1RB#12	21.63	23.43	33.00	PASS
Band41	5MHz	64QAM	40065	1RB#24	21.45	23.25	33.00	PASS
Band41	5MHz	64QAM	40065	12RB#0	20.64	22.44	33.00	PASS
Band41	5MHz	64QAM	40065	12RB#6	20.93	22.73	33.00	PASS
Band41	5MHz	64QAM	40065	12RB#13	21.00	22.8	33.00	PASS
Band41	5MHz	64QAM	40065	25RB#0	20.85	22.65	33.00	PASS
Band41	5MHz	64QAM	40640	1RB#0	21.79	23.59	33.00	PASS
Band41	5MHz	64QAM	40640	1RB#12	21.80	23.6	33.00	PASS
Band41	5MHz	64QAM	40640	1RB#24	21.49	23.29	33.00	PASS
Band41	5MHz	64QAM	40640	12RB#0	20.79	22.59	33.00	PASS
Band41	5MHz	64QAM	40640	12RB#6	20.62	22.42	33.00	PASS
Band41	5MHz	64QAM	40640	12RB#13	20.74	22.54	33.00	PASS
Band41	5MHz	64QAM	40640	25RB#0	20.70	22.5	33.00	PASS
Band41	5MHz	64QAM	41215	1RB#0	21.90	23.7	33.00	PASS
Band41	5MHz	64QAM	41215	1RB#12	21.69	23.49	33.00	PASS
Band41	5MHz	64QAM	41215	1RB#24	21.41	23.21	33.00	PASS
Band41	5MHz	64QAM	41215	12RB#0	20.68	22.48	33.00	PASS
Band41	5MHz	64QAM	41215	12RB#6	20.85	22.65	33.00	PASS
Band41	5MHz	64QAM	41215	12RB#13	20.99	22.79	33.00	PASS
Band41	5MHz	64QAM	41215	25RB#0	20.84	22.64	33.00	PASS
Band41	10MHz	QPSK	40090	1RB#0	22.39	24.19	33.00	PASS
Band41	10MHz	QPSK	40090	1RB#24	22.43	24.23	33.00	PASS
Band41	10MHz	QPSK	40090	1RB#49	22.38	24.18	33.00	PASS
Band41	10MHz	QPSK	40090	25RB#0	22.42	24.22	33.00	PASS
Band41	10MHz	QPSK	40090	25RB#12	22.32	24.12	33.00	PASS
Band41	10MHz	QPSK	40090	25RB#25	22.43	24.23	33.00	PASS
Band41	10MHz	QPSK	40090	50RB#0	22.44	24.24	33.00	PASS
Band41	10MHz	QPSK	40640	1RB#0	22.61	24.41	33.00	PASS
Band41	10MHz	QPSK	40640	1RB#24	22.56	24.36	33.00	PASS
Band41	10MHz	QPSK	40640	1RB#49	22.62	24.42	33.00	PASS



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Band41	10MHz	QPSK	40640	25RB#0	22.35	24.15	33.00	PASS
Band41	10MHz	QPSK	40640	25RB#12	22.26	24.06	33.00	PASS
Band41	10MHz	QPSK	40640	25RB#25	22.15	23.95	33.00	PASS
Band41	10MHz	QPSK	40640	50RB#0	22.45	24.25	33.00	PASS
Band41	10MHz	QPSK	41190	1RB#0	22.36	24.16	33.00	PASS
Band41	10MHz	QPSK	41190	1RB#24	22.41	24.21	33.00	PASS
Band41	10MHz	QPSK	41190	1RB#49	22.33	24.13	33.00	PASS
Band41	10MHz	QPSK	41190	25RB#0	22.36	24.16	33.00	PASS
Band41	10MHz	QPSK	41190	25RB#12	22.32	24.12	33.00	PASS
Band41	10MHz	QPSK	41190	25RB#25	22.36	24.16	33.00	PASS
Band41	10MHz	QPSK	41190	50RB#0	22.42	24.22	33.00	PASS
Band41	10MHz	16QAM	40090	1RB#0	22.45	24.25	33.00	PASS
Band41	10MHz	16QAM	40090	1RB#24	22.20	24	33.00	PASS
Band41	10MHz	16QAM	40090	1RB#49	22.01	23.81	33.00	PASS
Band41	10MHz	16QAM	40090	25RB#0	21.77	23.57	33.00	PASS
Band41	10MHz	16QAM	40090	25RB#12	21.92	23.72	33.00	PASS
Band41	10MHz	16QAM	40090	25RB#25	22.07	23.87	33.00	PASS
Band41	10MHz	16QAM	40090	50RB#0	21.96	23.76	33.00	PASS
Band41	10MHz	16QAM	40640	1RB#0	22.32	24.12	33.00	PASS
Band41	10MHz	16QAM	40640	1RB#24	22.45	24.25	33.00	PASS
Band41	10MHz	16QAM	40640	1RB#49	22.14	23.94	33.00	PASS
Band41	10MHz	16QAM	40640	25RB#0	21.90	23.7	33.00	PASS
Band41	10MHz	16QAM	40640	25RB#12	21.65	23.45	33.00	PASS
Band41	10MHz	16QAM	40640	25RB#25	21.74	23.54	33.00	PASS
Band41	10MHz	16QAM	40640	50RB#0	21.78	23.58	33.00	PASS
Band41	10MHz	16QAM	41190	1RB#0	22.43	24.23	33.00	PASS
Band41	10MHz	16QAM	41190	1RB#24	22.23	24.03	33.00	PASS
Band41	10MHz	16QAM	41190	1RB#49	22.02	23.82	33.00	PASS
Band41	10MHz	16QAM	41190	25RB#0	21.75	23.55	33.00	PASS
Band41	10MHz	16QAM	41190	25RB#12	21.90	23.7	33.00	PASS
Band41	10MHz	16QAM	41190	25RB#25	22.06	23.86	33.00	PASS
Band41	10MHz	16QAM	41190	50RB#0	21.94	23.74	33.00	PASS
Band41	10MHz	64QAM	40090	1RB#0	21.90	23.7	33.00	PASS
Band41	10MHz	64QAM	40090	1RB#24	21.61	23.41	33.00	PASS
Band41	10MHz	64QAM	40090	1RB#49	21.48	23.28	33.00	PASS
Band41	10MHz	64QAM	40090	25RB#0	20.70	22.5	33.00	PASS
Band41	10MHz	64QAM	40090	25RB#12	20.84	22.64	33.00	PASS
Band41	10MHz	64QAM	40090	25RB#25	20.99	22.79	33.00	PASS



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Band41	10MHz	64QAM	40090	50RB#0	20.87	22.67	33.00	PASS
Band41	10MHz	64QAM	40640	1RB#0	21.79	23.59	33.00	PASS
Band41	10MHz	64QAM	40640	1RB#24	21.87	23.67	33.00	PASS
Band41	10MHz	64QAM	40640	1RB#49	21.60	23.4	33.00	PASS
Band41	10MHz	64QAM	40640	25RB#0	20.86	22.66	33.00	PASS
Band41	10MHz	64QAM	40640	25RB#12	20.55	22.35	33.00	PASS
Band41	10MHz	64QAM	40640	25RB#25	20.61	22.41	33.00	PASS
Band41	10MHz	64QAM	40640	50RB#0	20.71	22.51	33.00	PASS
Band41	10MHz	64QAM	41190	1RB#0	21.84	23.64	33.00	PASS
Band41	10MHz	64QAM	41190	1RB#24	21.63	23.43	33.00	PASS
Band41	10MHz	64QAM	41190	1RB#49	21.51	23.31	33.00	PASS
Band41	10MHz	64QAM	41190	25RB#0	20.73	22.53	33.00	PASS
Band41	10MHz	64QAM	41190	25RB#12	20.85	22.65	33.00	PASS
Band41	10MHz	64QAM	41190	25RB#25	21.06	22.86	33.00	PASS
Band41	10MHz	64QAM	41190	50RB#0	20.92	22.72	33.00	PASS
Band41	15MHz	QPSK	40115	1RB#0	22.43	24.23	33.00	PASS
Band41	15MHz	QPSK	40115	1RB#38	22.45	24.25	33.00	PASS
Band41	15MHz	QPSK	40115	1RB#74	22.37	24.17	33.00	PASS
Band41	15MHz	QPSK	40115	38RB#0	22.40	24.2	33.00	PASS
Band41	15MHz	QPSK	40115	38RB#18	22.34	24.14	33.00	PASS
Band41	15MHz	QPSK	40115	38RB#37	22.41	24.21	33.00	PASS
Band41	15MHz	QPSK	40115	75RB#0	22.43	24.23	33.00	PASS
Band41	15MHz	QPSK	40640	1RB#0	<b>22.62</b>	24.42	33.00	PASS
Band41	15MHz	QPSK	40640	1RB#38	22.59	24.39	33.00	PASS
Band41	15MHz	QPSK	40640	1RB#74	22.58	24.38	33.00	PASS
Band41	15MHz	QPSK	40640	38RB#0	22.34	24.14	33.00	PASS
Band41	15MHz	QPSK	40640	38RB#18	22.27	24.07	33.00	PASS
Band41	15MHz	QPSK	40640	38RB#37	22.16	23.96	33.00	PASS
Band41	15MHz	QPSK	40640	75RB#0	22.44	24.24	33.00	PASS
Band41	15MHz	QPSK	41165	1RB#0	22.38	24.18	33.00	PASS
Band41	15MHz	QPSK	41165	1RB#38	22.36	24.16	33.00	PASS
Band41	15MHz	QPSK	41165	1RB#74	22.36	24.16	33.00	PASS
Band41	15MHz	QPSK	41165	38RB#0	22.36	24.16	33.00	PASS
Band41	15MHz	QPSK	41165	38RB#18	22.31	24.11	33.00	PASS
Band41	15MHz	QPSK	41165	38RB#37	22.41	24.21	33.00	PASS
Band41	15MHz	QPSK	41165	75RB#0	22.40	24.2	33.00	PASS
Band41	15MHz	16QAM	40115	1RB#0	22.43	24.23	33.00	PASS
Band41	15MHz	16QAM	40115	1RB#38	22.21	24.01	33.00	PASS



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Band41	15MHz	16QAM	40115	1RB#74	22.01	23.81	33.00	PASS
Band41	15MHz	16QAM	40115	38RB#0	21.77	23.57	33.00	PASS
Band41	15MHz	16QAM	40115	38RB#18	21.89	23.69	33.00	PASS
Band41	15MHz	16QAM	40115	38RB#37	22.06	23.86	33.00	PASS
Band41	15MHz	16QAM	40115	75RB#0	21.93	23.73	33.00	PASS
Band41	15MHz	16QAM	40640	1RB#0	22.29	24.09	33.00	PASS
Band41	15MHz	16QAM	40640	1RB#38	22.43	24.23	33.00	PASS
Band41	15MHz	16QAM	40640	1RB#74	22.11	23.91	33.00	PASS
Band41	15MHz	16QAM	40640	38RB#0	21.92	23.72	33.00	PASS
Band41	15MHz	16QAM	40640	38RB#18	21.65	23.45	33.00	PASS
Band41	15MHz	16QAM	40640	38RB#37	21.72	23.52	33.00	PASS
Band41	15MHz	16QAM	40640	75RB#0	21.82	23.62	33.00	PASS
Band41	15MHz	16QAM	41165	1RB#0	22.42	24.22	33.00	PASS
Band41	15MHz	16QAM	41165	1RB#38	22.23	24.03	33.00	PASS
Band41	15MHz	16QAM	41165	1RB#74	21.98	23.78	33.00	PASS
Band41	15MHz	16QAM	41165	38RB#0	21.75	23.55	33.00	PASS
Band41	15MHz	16QAM	41165	38RB#18	21.90	23.7	33.00	PASS
Band41	15MHz	16QAM	41165	38RB#37	22.05	23.85	33.00	PASS
Band41	15MHz	16QAM	41165	75RB#0	21.91	23.71	33.00	PASS
Band41	15MHz	64QAM	40115	1RB#0	21.89	23.69	33.00	PASS
Band41	15MHz	64QAM	40115	1RB#38	21.68	23.48	33.00	PASS
Band41	15MHz	64QAM	40115	1RB#74	21.49	23.29	33.00	PASS
Band41	15MHz	64QAM	40115	38RB#0	20.64	22.44	33.00	PASS
Band41	15MHz	64QAM	40115	38RB#18	20.89	22.69	33.00	PASS
Band41	15MHz	64QAM	40115	38RB#37	21.04	22.84	33.00	PASS
Band41	15MHz	64QAM	40115	75RB#0	20.85	22.65	33.00	PASS
Band41	15MHz	64QAM	40640	1RB#0	21.68	23.48	33.00	PASS
Band41	15MHz	64QAM	40640	1RB#38	21.83	23.63	33.00	PASS
Band41	15MHz	64QAM	40640	1RB#74	21.56	23.36	33.00	PASS
Band41	15MHz	64QAM	40640	38RB#0	20.91	22.71	33.00	PASS
Band41	15MHz	64QAM	40640	38RB#18	20.63	22.43	33.00	PASS
Band41	15MHz	64QAM	40640	38RB#37	20.64	22.44	33.00	PASS
Band41	15MHz	64QAM	40640	75RB#0	20.78	22.58	33.00	PASS
Band41	15MHz	64QAM	41165	1RB#0	21.86	23.66	33.00	PASS
Band41	15MHz	64QAM	41165	1RB#38	21.66	23.46	33.00	PASS
Band41	15MHz	64QAM	41165	1RB#74	21.48	23.28	33.00	PASS
Band41	15MHz	64QAM	41165	38RB#0	20.66	22.46	33.00	PASS
Band41	15MHz	64QAM	41165	38RB#18	20.81	22.61	33.00	PASS



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Band41	15MHz	64QAM	41165	38RB#37	20.98	22.78	33.00	PASS
Band41	15MHz	64QAM	41165	75RB#0	20.82	22.62	33.00	PASS
Band41	20MHz	QPSK	40140	1RB#0	22.39	24.19	33.00	PASS
Band41	20MHz	QPSK	40140	1RB#49	22.44	24.24	33.00	PASS
Band41	20MHz	QPSK	40140	1RB#99	22.37	24.17	33.00	PASS
Band41	20MHz	QPSK	40140	50RB#0	22.62	24.42	33.00	PASS
Band41	20MHz	QPSK	40140	50RB#25	22.35	24.15	33.00	PASS
Band41	20MHz	QPSK	40140	50RB#50	22.40	24.2	33.00	PASS
Band41	20MHz	QPSK	40140	100RB#0	22.43	24.23	33.00	PASS
Band41	20MHz	QPSK	40640	1RB#0	22.61	24.41	33.00	PASS
Band41	20MHz	QPSK	40640	1RB#49	22.62	24.42	33.00	PASS
Band41	20MHz	QPSK	40640	1RB#99	22.57	24.37	33.00	PASS
Band41	20MHz	QPSK	40640	50RB#0	22.36	24.16	33.00	PASS
Band41	20MHz	QPSK	40640	50RB#25	22.26	24.06	33.00	PASS
Band41	20MHz	QPSK	40640	50RB#50	22.15	23.95	33.00	PASS
Band41	20MHz	QPSK	40640	100RB#0	22.42	24.22	33.00	PASS
Band41	20MHz	QPSK	41140	1RB#0	22.38	24.18	33.00	PASS
Band41	20MHz	QPSK	41140	1RB#49	22.39	24.19	33.00	PASS
Band41	20MHz	QPSK	41140	1RB#99	22.34	24.14	33.00	PASS
Band41	20MHz	QPSK	41140	50RB#0	22.39	24.19	33.00	PASS
Band41	20MHz	QPSK	41140	50RB#25	22.34	24.14	33.00	PASS
Band41	20MHz	QPSK	41140	50RB#50	22.37	24.17	33.00	PASS
Band41	20MHz	QPSK	41140	100RB#0	22.41	24.21	33.00	PASS
Band41	20MHz	16QAM	40140	1RB#0	22.45	24.25	33.00	PASS
Band41	20MHz	16QAM	40140	1RB#49	22.24	24.04	33.00	PASS
Band41	20MHz	16QAM	40140	1RB#99	22.01	23.81	33.00	PASS
Band41	20MHz	16QAM	40140	50RB#0	21.75	23.55	33.00	PASS
Band41	20MHz	16QAM	40140	50RB#25	21.89	23.69	33.00	PASS
Band41	20MHz	16QAM	40140	50RB#50	22.03	23.83	33.00	PASS
Band41	20MHz	16QAM	40140	100RB#0	21.95	23.75	33.00	PASS
Band41	20MHz	16QAM	40640	1RB#0	22.30	24.1	33.00	PASS
Band41	20MHz	16QAM	40640	1RB#49	22.46	24.26	33.00	PASS
Band41	20MHz	16QAM	40640	1RB#99	22.13	23.93	33.00	PASS
Band41	20MHz	16QAM	40640	50RB#0	21.90	23.7	33.00	PASS
Band41	20MHz	16QAM	40640	50RB#25	21.67	23.47	33.00	PASS
Band41	20MHz	16QAM	40640	50RB#50	21.76	23.56	33.00	PASS
Band41	20MHz	16QAM	40640	100RB#0	21.81	23.61	33.00	PASS
Band41	20MHz	16QAM	41140	1RB#0	22.44	24.24	33.00	PASS



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Band41	20MHz	16QAM	41140	1RB#49	22.21	24.01	33.00	PASS
Band41	20MHz	16QAM	41140	1RB#99	22.02	23.82	33.00	PASS
Band41	20MHz	16QAM	41140	50RB#0	21.72	23.52	33.00	PASS
Band41	20MHz	16QAM	41140	50RB#25	21.88	23.68	33.00	PASS
Band41	20MHz	16QAM	41140	50RB#50	22.05	23.85	33.00	PASS
Band41	20MHz	16QAM	41140	100RB#0	21.92	23.72	33.00	PASS
Band41	20MHz	64QAM	40140	1RB#0	21.89	23.69	33.00	PASS
Band41	20MHz	64QAM	40140	1RB#49	21.61	23.41	33.00	PASS
Band41	20MHz	64QAM	40140	1RB#99	21.51	23.31	33.00	PASS
Band41	20MHz	64QAM	40140	50RB#0	20.71	22.51	33.00	PASS
Band41	20MHz	64QAM	40140	50RB#25	20.89	22.69	33.00	PASS
Band41	20MHz	64QAM	40140	50RB#50	20.97	22.77	33.00	PASS
Band41	20MHz	64QAM	40140	100RB#0	20.88	22.68	33.00	PASS
Band41	20MHz	64QAM	40640	1RB#0	21.68	23.48	33.00	PASS
Band41	20MHz	64QAM	40640	1RB#49	21.92	23.72	33.00	PASS
Band41	20MHz	64QAM	40640	1RB#99	21.58	23.38	33.00	PASS
Band41	20MHz	64QAM	40640	50RB#0	20.81	22.61	33.00	PASS
Band41	20MHz	64QAM	40640	50RB#25	20.61	22.41	33.00	PASS
Band41	20MHz	64QAM	40640	50RB#50	20.64	22.44	33.00	PASS
Band41	20MHz	64QAM	40640	100RB#0	20.80	22.6	33.00	PASS
Band41	20MHz	64QAM	41140	1RB#0	21.87	23.67	33.00	PASS
Band41	20MHz	64QAM	41140	1RB#49	21.65	23.45	33.00	PASS
Band41	20MHz	64QAM	41140	1RB#99	21.39	23.19	33.00	PASS
Band41	20MHz	64QAM	41140	50RB#0	20.65	22.45	33.00	PASS
Band41	20MHz	64QAM	41140	50RB#25	20.86	22.66	33.00	PASS
Band41	20MHz	64QAM	41140	50RB#50	21.04	22.84	33.00	PASS
Band41	20MHz	64QAM	41140	100RB#0	20.82	22.62	33.00	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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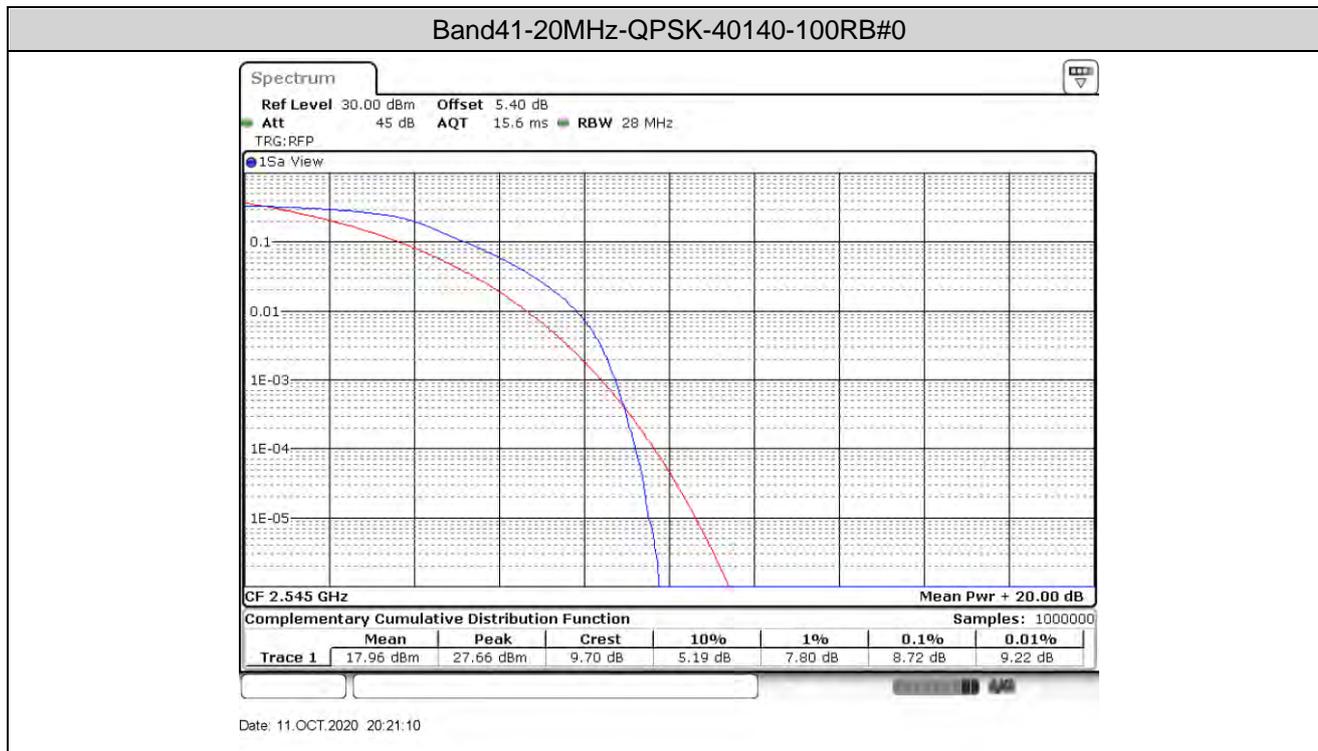


## 2 Peak-to-Average Ratio (CCDF)

### 2.1 Test Result

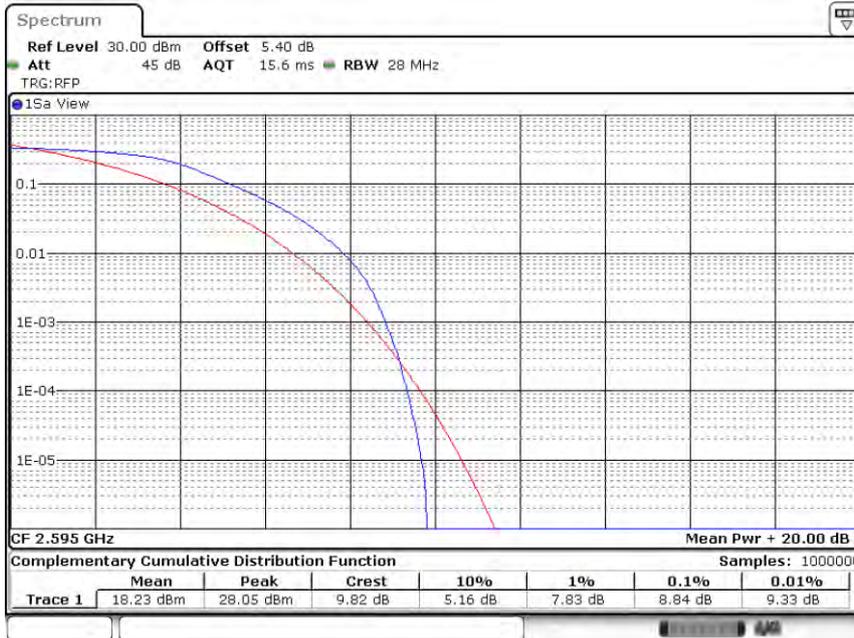
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	20MHz	QPSK	40140	100RB#0	8.72	13	PASS
Band41	20MHz	QPSK	40640	100RB#0	8.84	13	PASS
Band41	20MHz	QPSK	41140	100RB#0	8.35	13	PASS
Band41	20MHz	16QAM	40140	100RB#0	9.45	13	PASS
Band41	20MHz	16QAM	40640	100RB#0	9.74	13	PASS
Band41	20MHz	16QAM	41140	100RB#0	9.22	13	PASS
Band41	20MHz	64QAM	40140	100RB#0	9.97	13	PASS
Band41	20MHz	64QAM	40640	100RB#0	9.88	13	PASS
Band41	20MHz	64QAM	41140	100RB#0	9.80	13	PASS

### 2.2 Test Plots



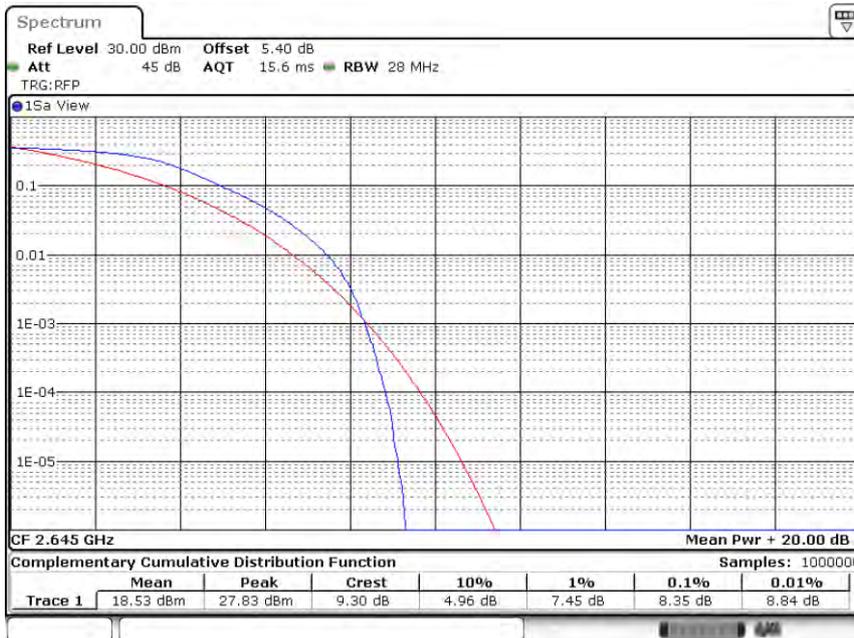
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**Band41-20MHz-QPSK-40640-100RB#0**



Date: 11.OCT.2020 20:21:39

**Band41-20MHz-QPSK-41140-100RB#0**

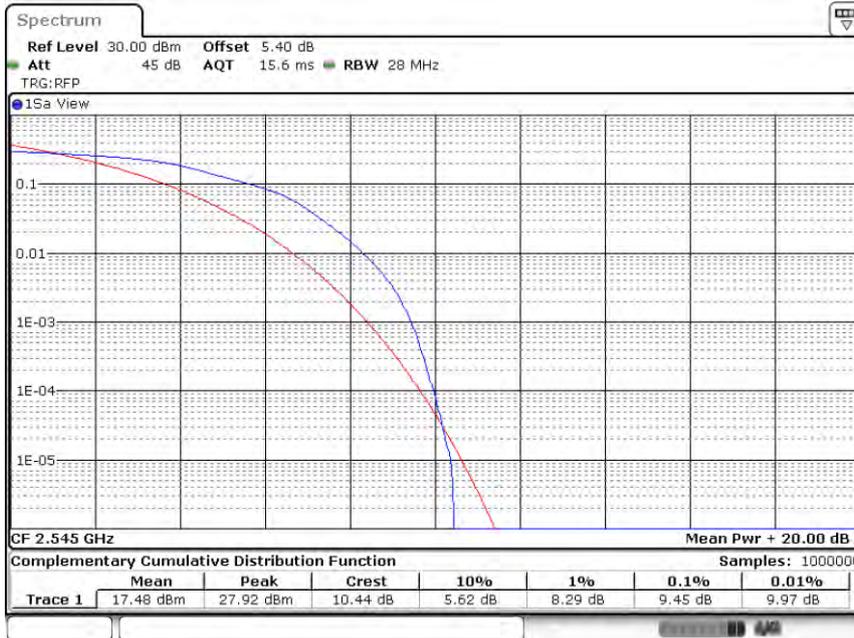


Date: 11.OCT.2020 20:22:08



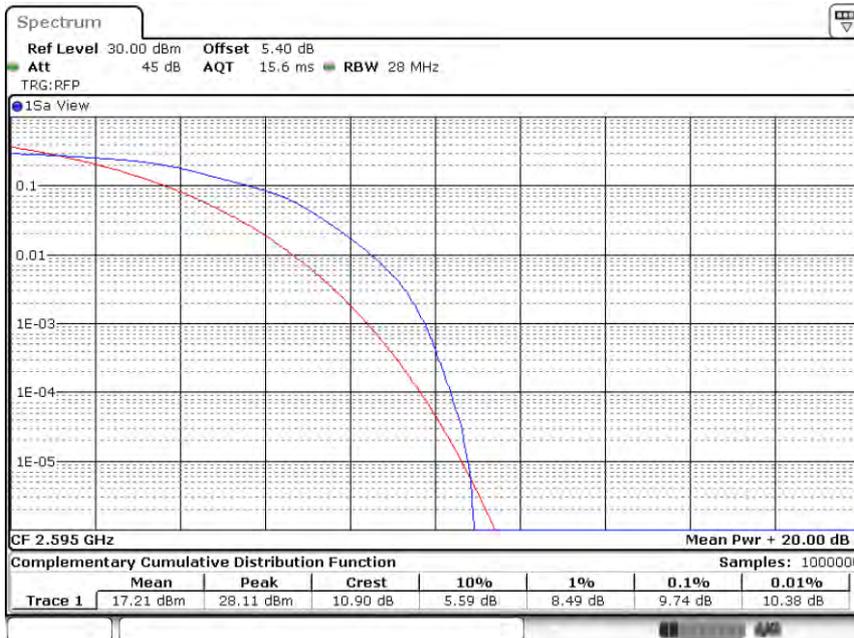
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**Band41-20MHz-16QAM-40140-100RB#0**



Date: 11.OCT.2020 20:21:24

**Band41-20MHz-16QAM-40640-100RB#0**

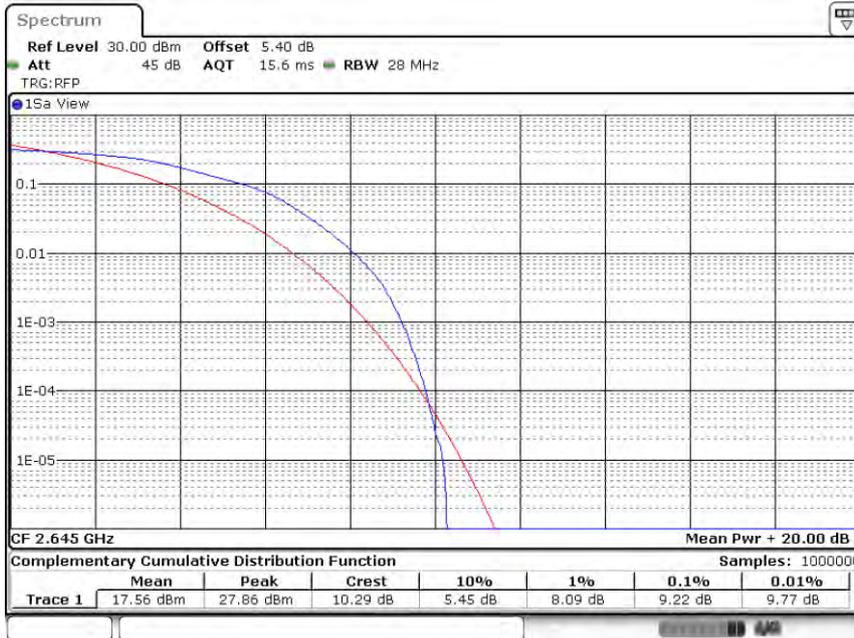


Date: 11.OCT.2020 20:21:53



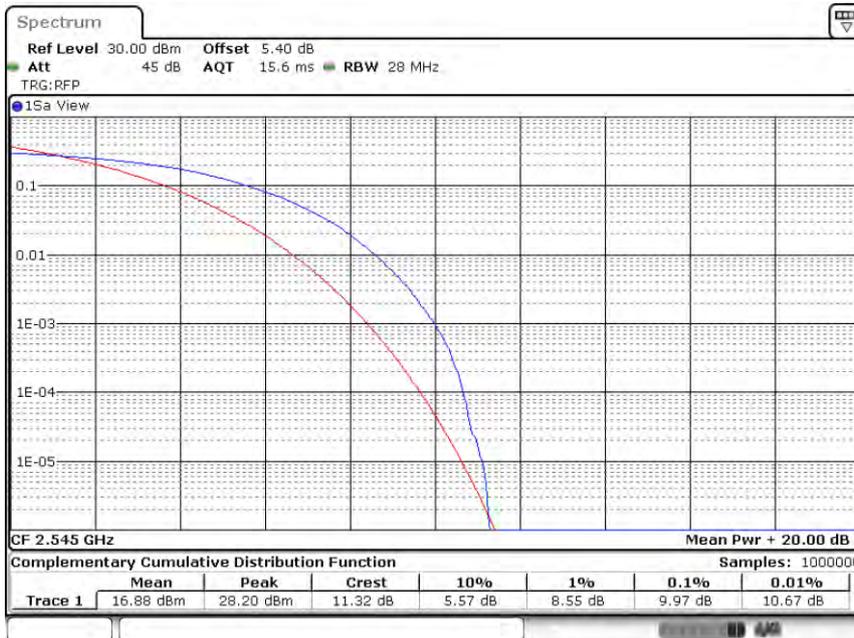
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**Band41-20MHz-16QAM-41140-100RB#0**



Date: 11.OCT.2020 20:22:22

**Band41-20MHz-64QAM-40140-100RB#0**



Date: 14.OCT.2020 12:24:35

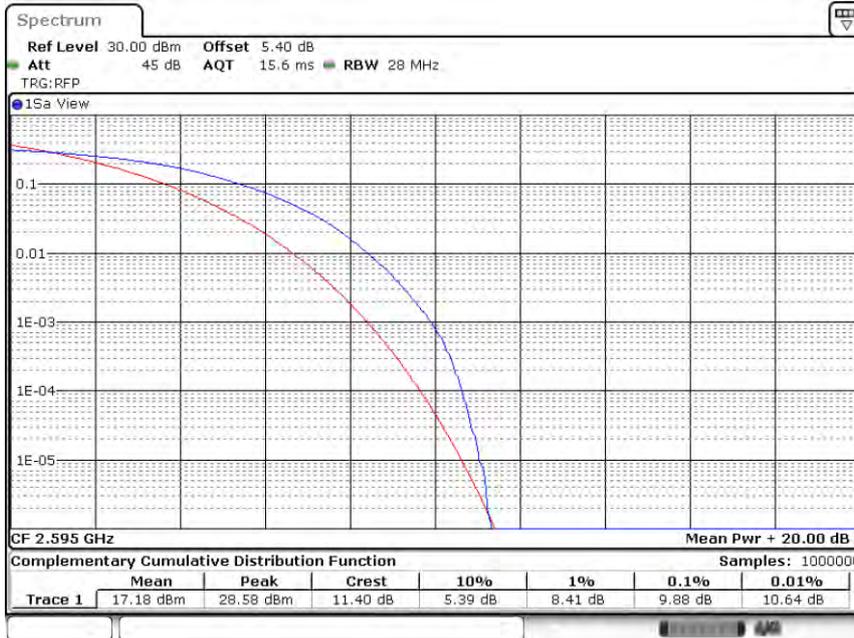


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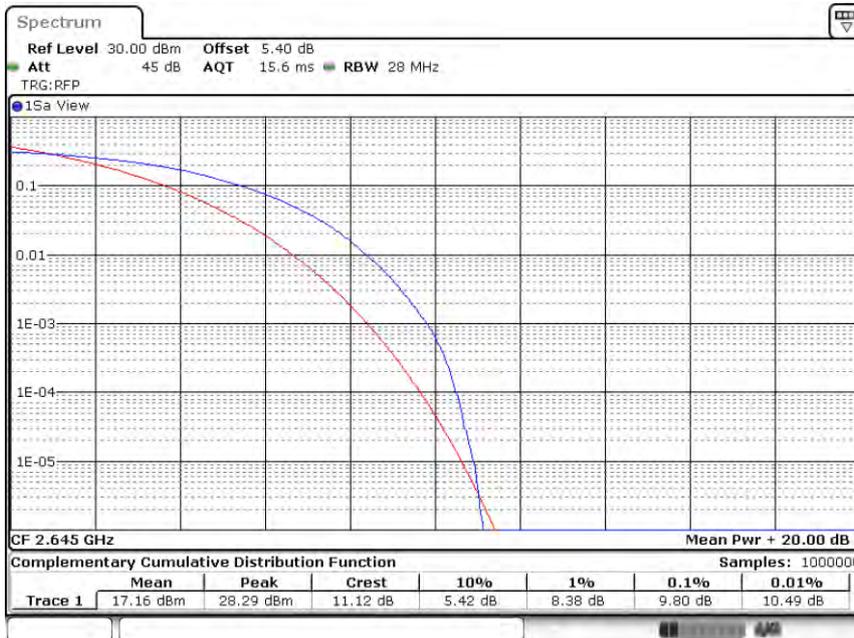
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**Band41-20MHz-64QAM-40640-100RB#0**



Date: 14.OCT.2020 12:24:50

**Band41-20MHz-64QAM-41140-100RB#0**



Date: 14.OCT.2020 12:25:04

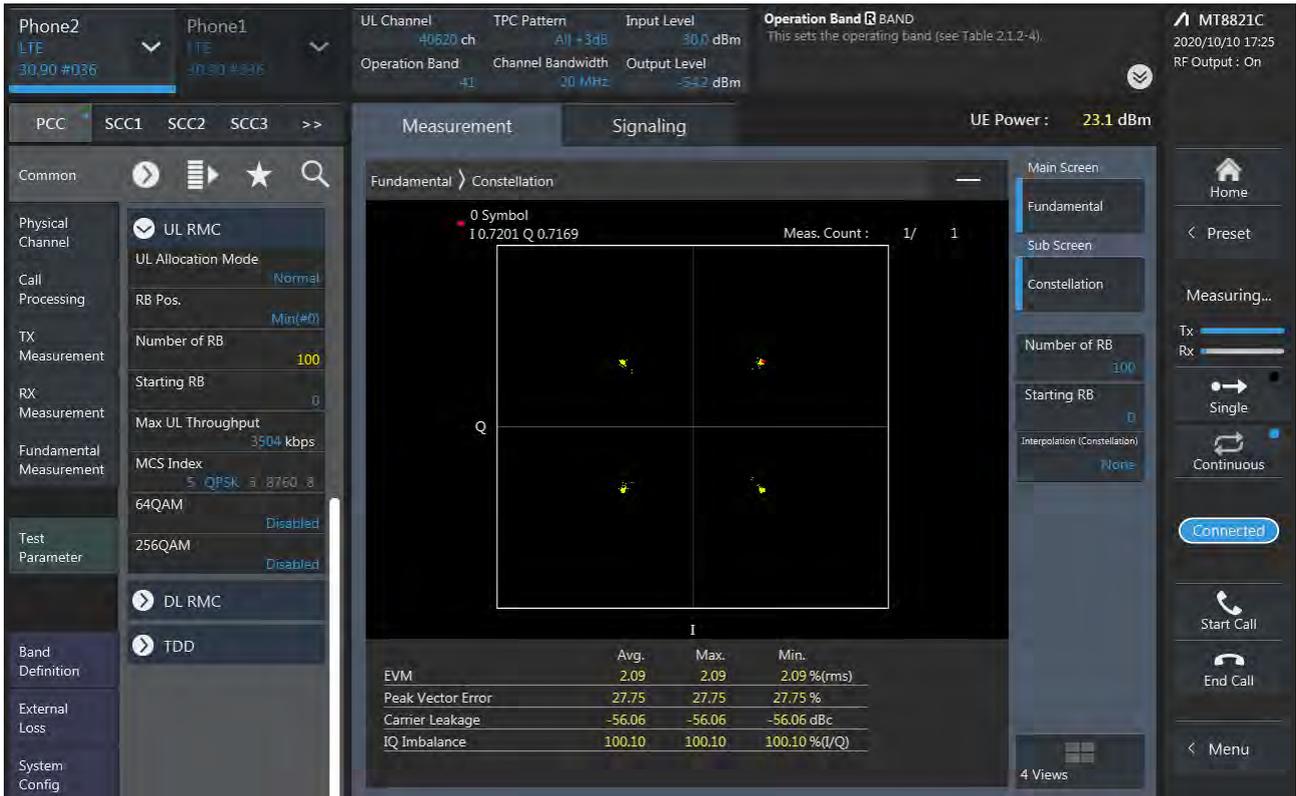


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### 3 Modulation Characteristics

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

##### 3.1.2 Test Channel = MCH



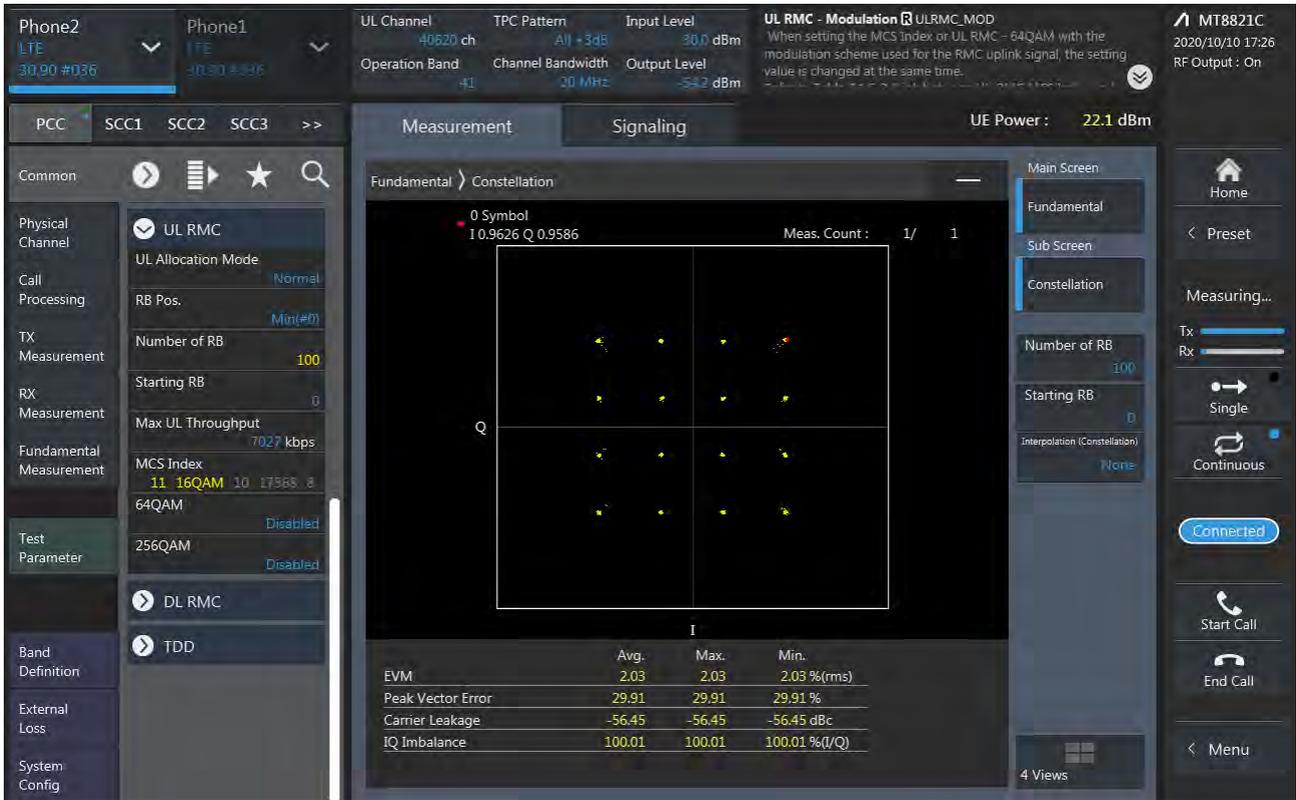
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### 3.2 Test Mode = LTE /TM2 20MHz

#### 3.2.1 Test Channel = MCH



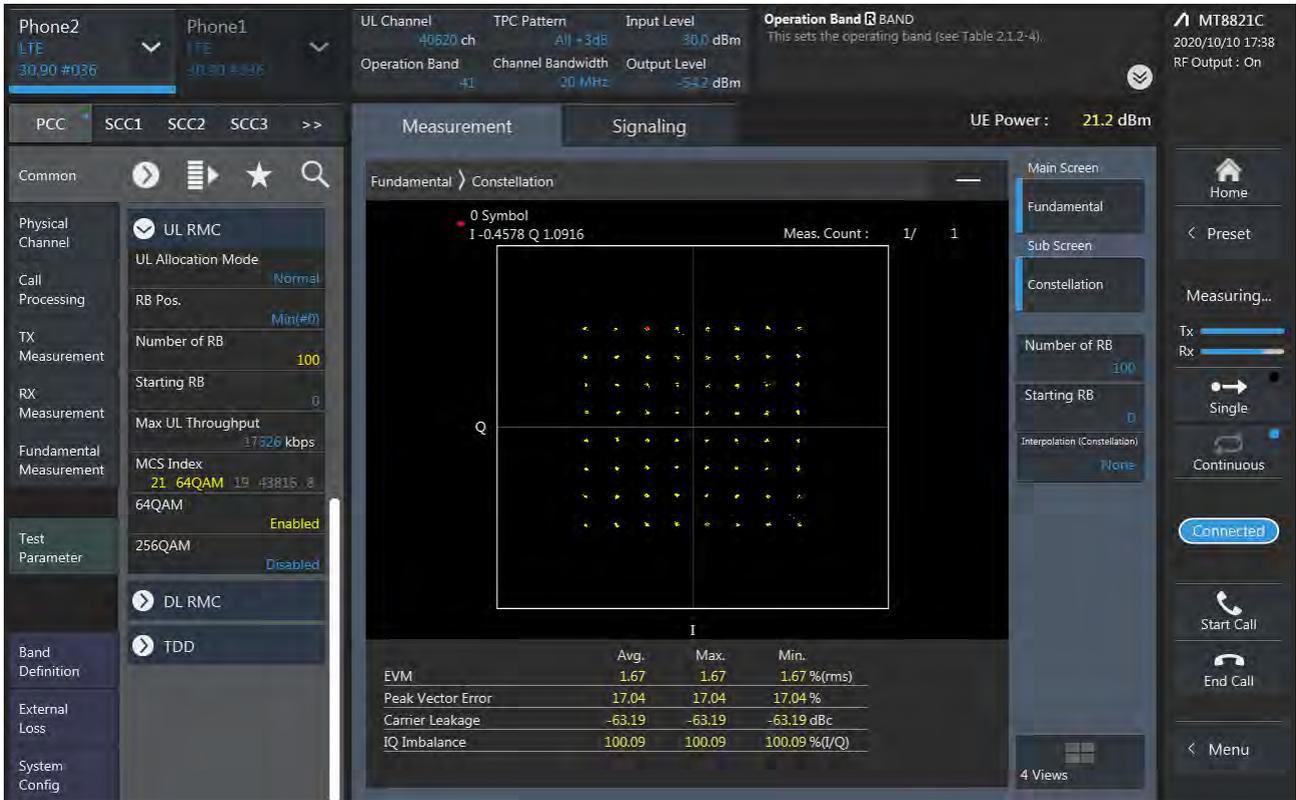
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### 3.3 Test Mode = LTE /TM3 20MHz

#### 3.3.1 Test Channel = MCH



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## 4 26dB Bandwidth and Occupied Bandwidth

### 4.1 Test Result

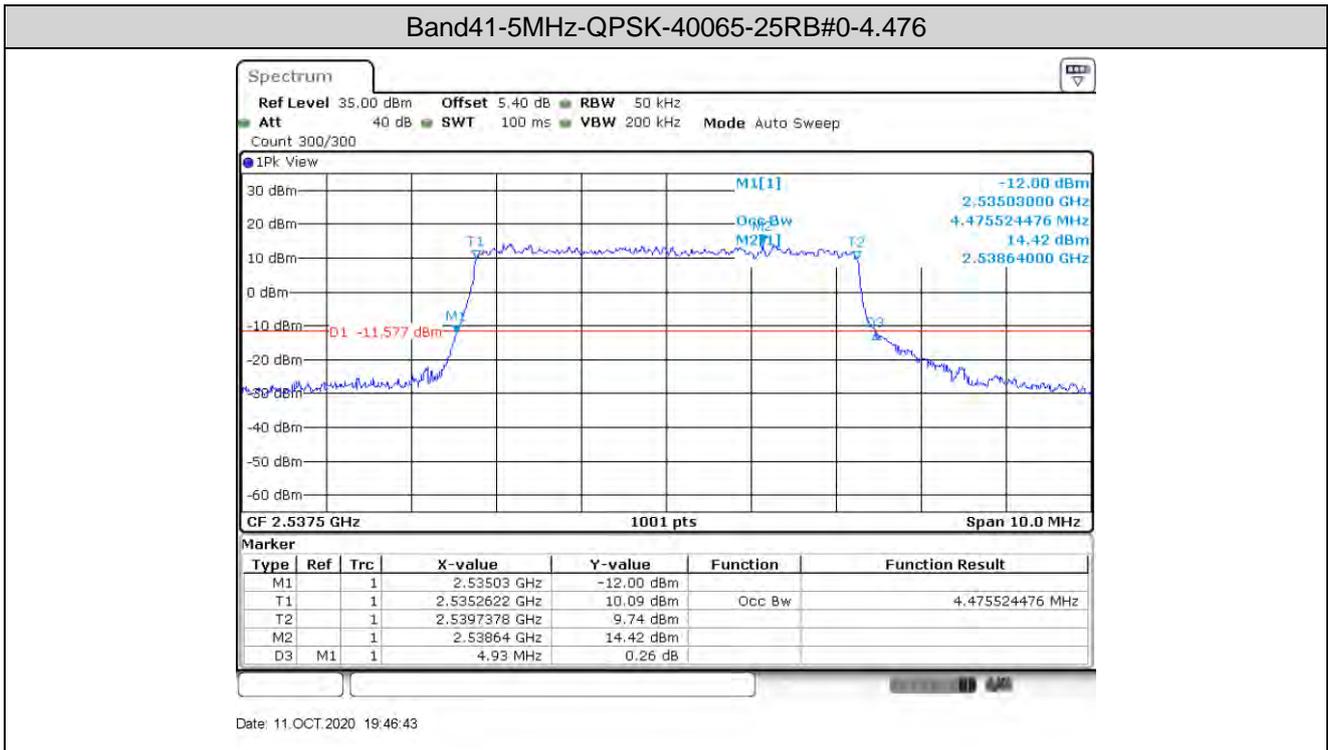
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	40065	25RB#0	4.476	4.930	PASS
Band41	5MHz	QPSK	40640	25RB#0	4.476	4.930	PASS
Band41	5MHz	QPSK	41215	25RB#0	4.476	4.940	PASS
Band41	5MHz	16QAM	40065	25RB#0	4.496	4.960	PASS
Band41	5MHz	16QAM	40640	25RB#0	4.496	4.970	PASS
Band41	5MHz	16QAM	41215	25RB#0	4.496	4.970	PASS
Band41	5MHz	64QAM	40065	25RB#0	4.486	5.050	PASS
Band41	5MHz	64QAM	40640	25RB#0	4.486	5.170	PASS
Band41	5MHz	64QAM	41215	25RB#0	4.486	5.030	PASS
Band41	10MHz	QPSK	40090	50RB#0	8.911	9.820	PASS
Band41	10MHz	QPSK	40640	50RB#0	8.911	9.820	PASS
Band41	10MHz	QPSK	41190	50RB#0	8.911	9.900	PASS
Band41	10MHz	16QAM	40090	50RB#0	8.911	9.700	PASS
Band41	10MHz	16QAM	40640	50RB#0	8.911	9.640	PASS
Band41	10MHz	16QAM	41190	50RB#0	8.911	9.680	PASS
Band41	10MHz	64QAM	40090	50RB#0	8.931	9.760	PASS
Band41	10MHz	64QAM	40640	50RB#0	8.931	9.780	PASS
Band41	10MHz	64QAM	41190	50RB#0	8.931	9.780	PASS
Band41	15MHz	QPSK	40115	75RB#0	13.487	16.230	PASS
Band41	15MHz	QPSK	40640	75RB#0	13.487	16.410	PASS
Band41	15MHz	QPSK	41165	75RB#0	13.487	16.140	PASS
Band41	15MHz	16QAM	40115	75RB#0	13.457	15.270	PASS
Band41	15MHz	16QAM	40640	75RB#0	13.487	15.300	PASS
Band41	15MHz	16QAM	41165	75RB#0	13.457	15.150	PASS
Band41	15MHz	64QAM	40115	75RB#0	13.487	14.910	PASS
Band41	15MHz	64QAM	40640	75RB#0	13.457	15.150	PASS
Band41	15MHz	64QAM	41165	75RB#0	13.457	14.790	PASS
Band41	20MHz	QPSK	40140	100RB#0	17.942	19.920	PASS
Band41	20MHz	QPSK	40640	100RB#0	17.942	19.840	PASS
Band41	20MHz	QPSK	41140	100RB#0	17.902	19.840	PASS
Band41	20MHz	16QAM	40140	100RB#0	17.902	20.200	PASS



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Band41	20MHz	16QAM	40640	100RB#0	17.902	20.120	PASS
Band41	20MHz	16QAM	41140	100RB#0	17.902	20.160	PASS
Band41	20MHz	64QAM	40140	100RB#0	17.982	19.800	PASS
Band41	20MHz	64QAM	40640	100RB#0	17.942	19.560	PASS
Band41	20MHz	64QAM	41140	100RB#0	17.942	19.760	PASS

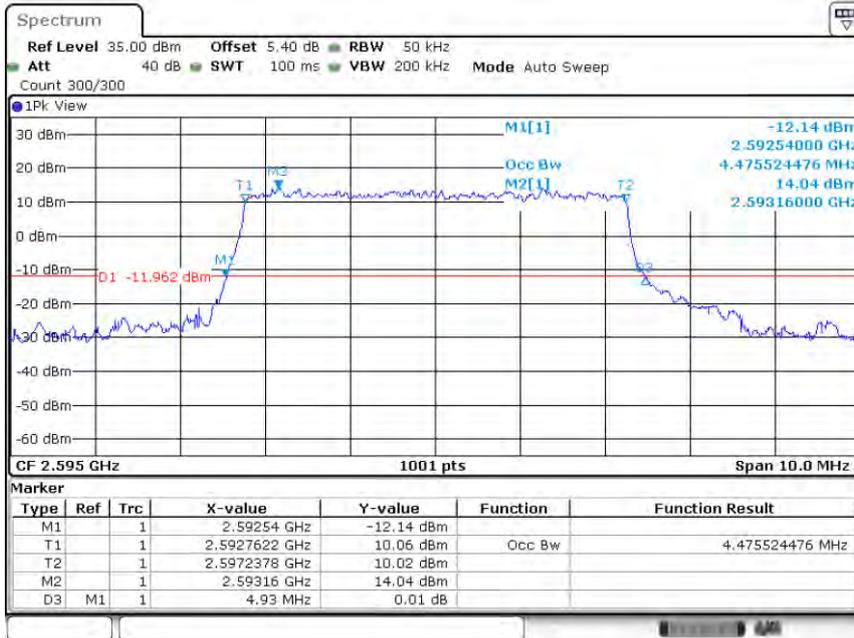
## 4.2 Test Plots



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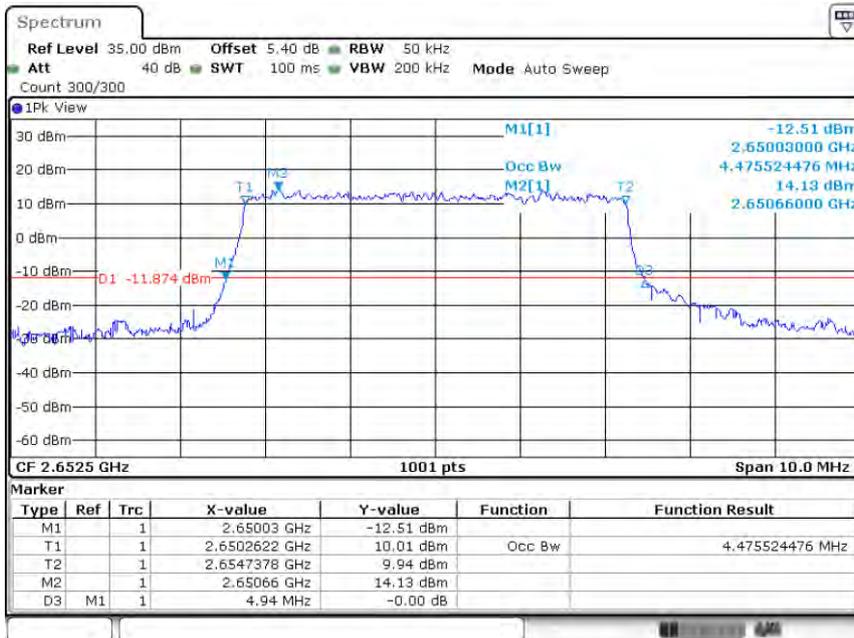
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**Band41-5MHz-QPSK-40640-25RB#0-4.476**



Date: 11.OCT.2020 19:48:21

**Band41-5MHz-QPSK-41215-25RB#0-4.476**

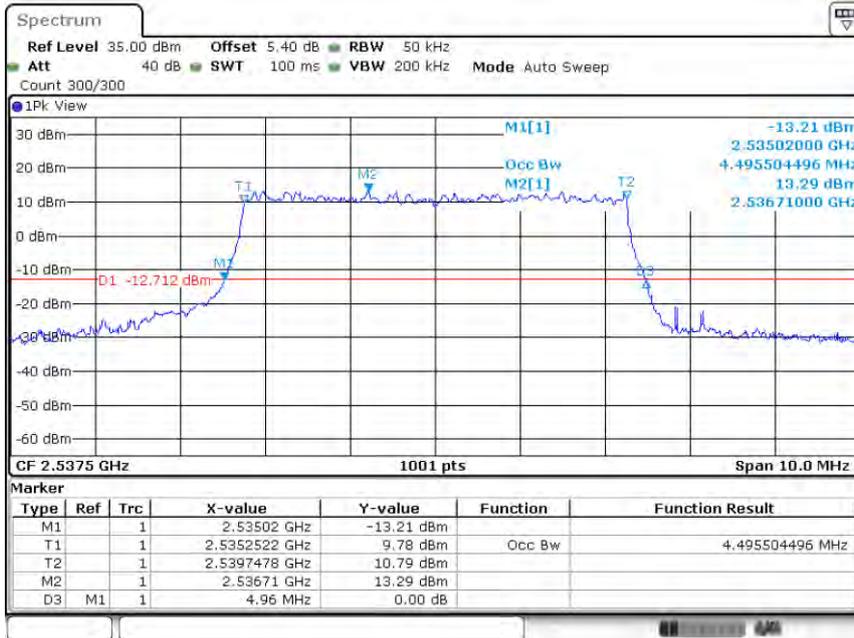


Date: 11.OCT.2020 19:49:59



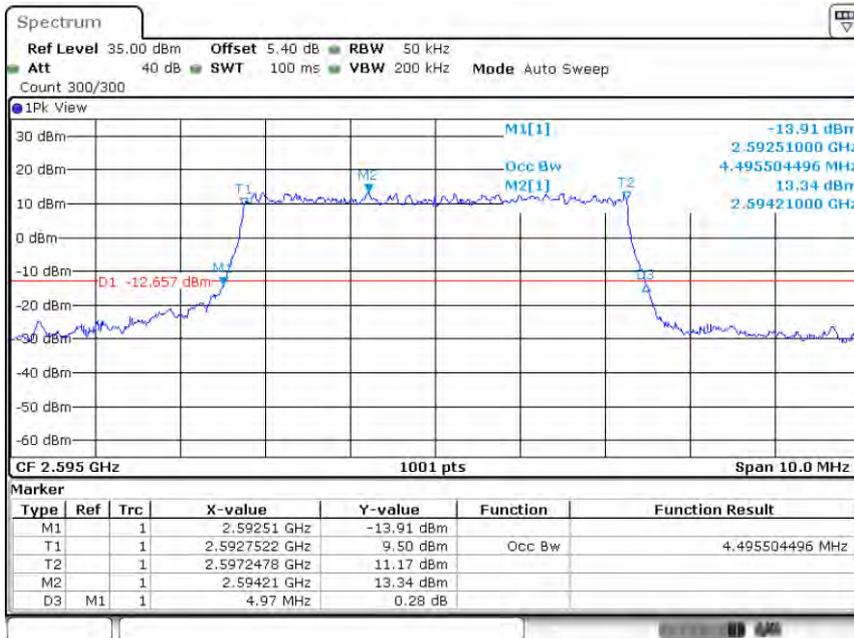
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**Band41-5MHz-16QAM-40065-25RB#0-4.496**



Date: 11.OCT.2020 19:47:32

**Band41-5MHz-16QAM-40640-25RB#0-4.496**

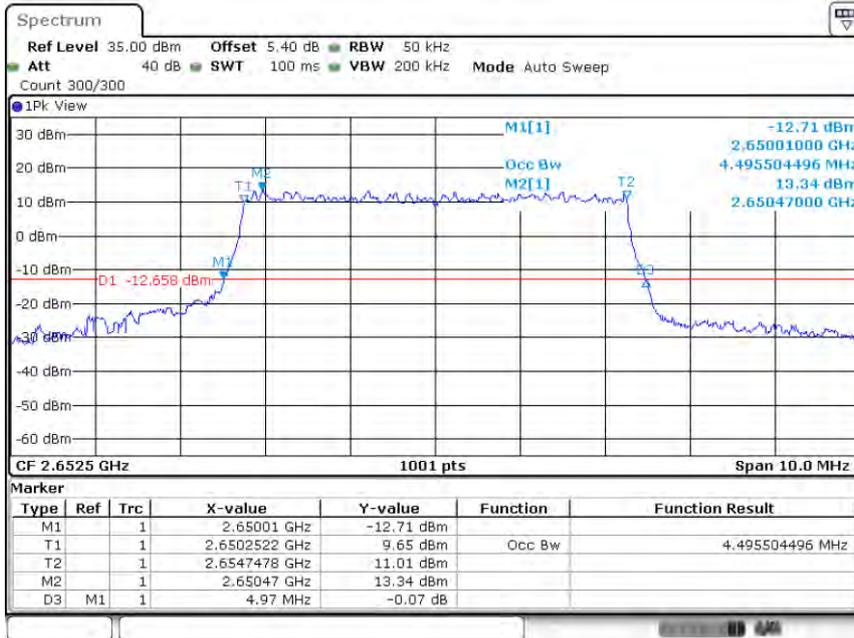


Date: 11.OCT.2020 19:49:10



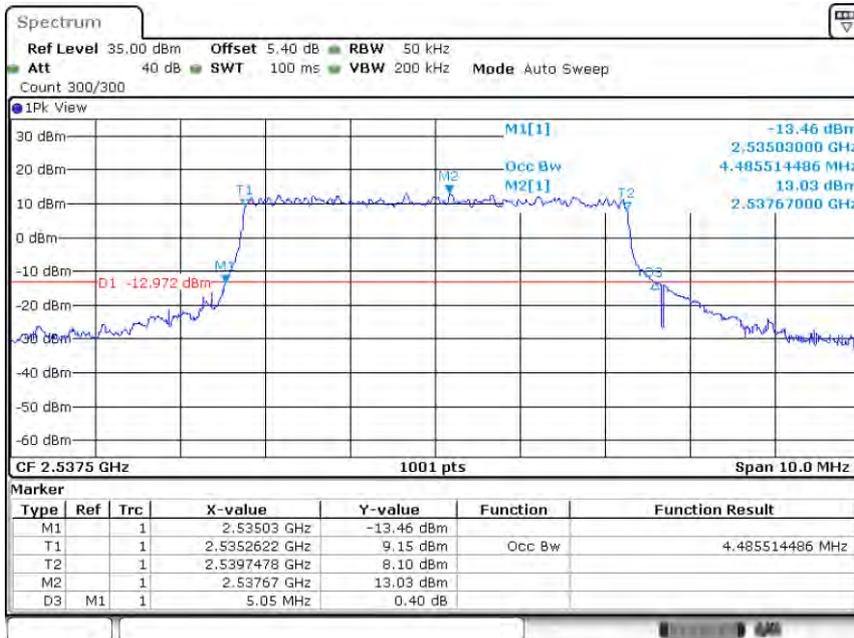
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**Band41-5MHz-16QAM-41215-25RB#0-4.496**



Date: 11.OCT.2020 19:50:48

**Band41-5MHz-64QAM-40065-25RB#0-4.486**

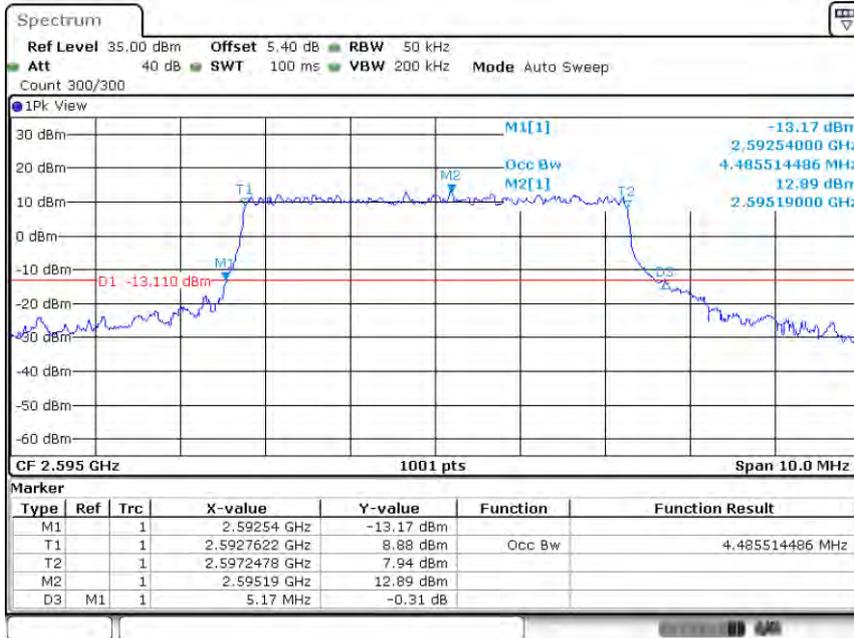


Date: 14.OCT.2020 11:51:40



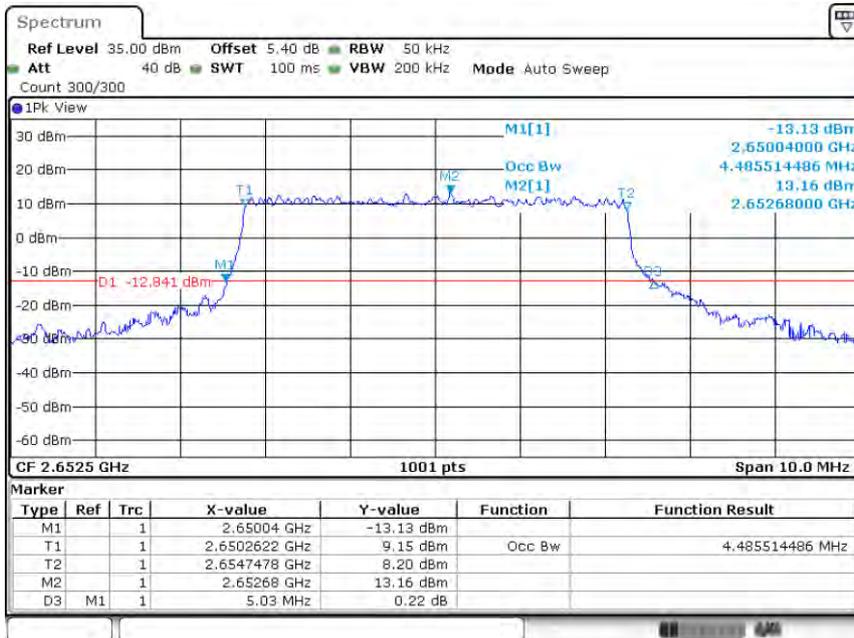
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**Band41-5MHz-64QAM-40640-25RB#0-4.486**



Date: 14.OCT.2020 11:52:29

**Band41-5MHz-64QAM-41215-25RB#0-4.486**

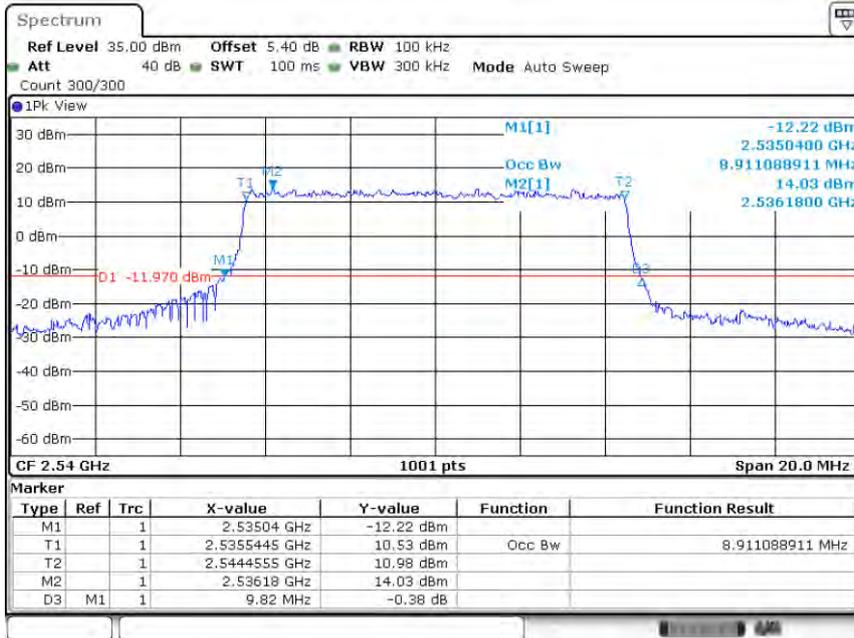


Date: 14.OCT.2020 11:53:38



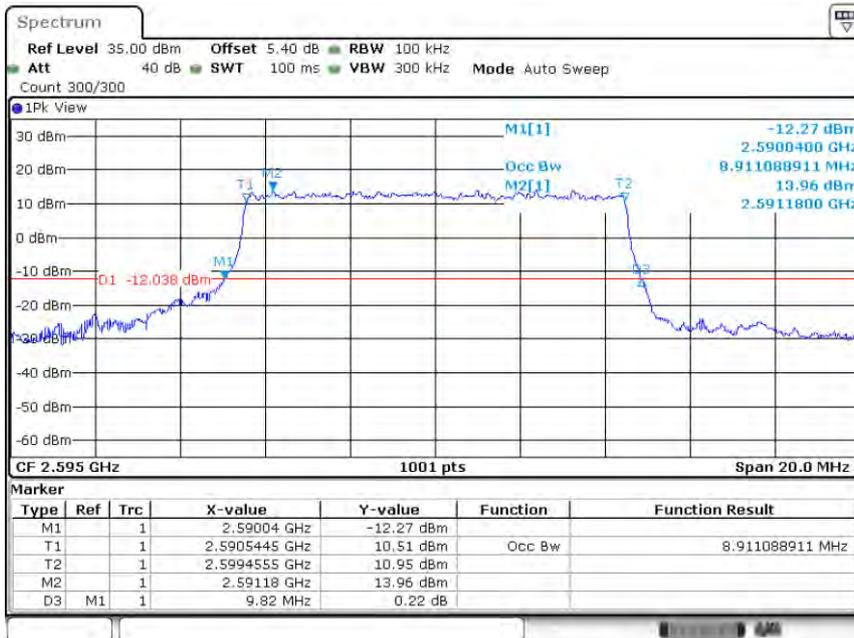
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**Band41-10MHz-QPSK-40090-50RB#0-8.911**



Date: 11.OCT.2020 19:51:42

**Band41-10MHz-QPSK-40640-50RB#0-8.911**

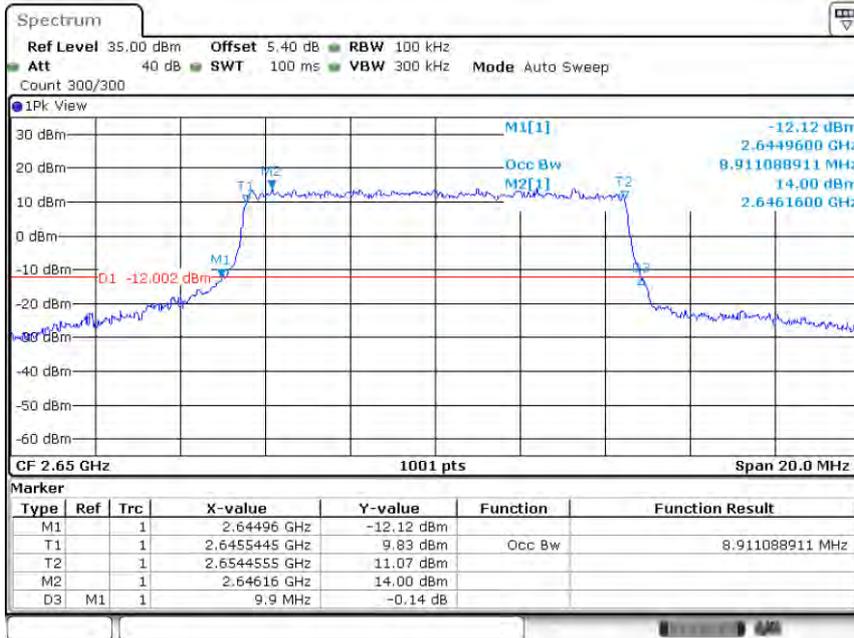


Date: 11.OCT.2020 19:53:20



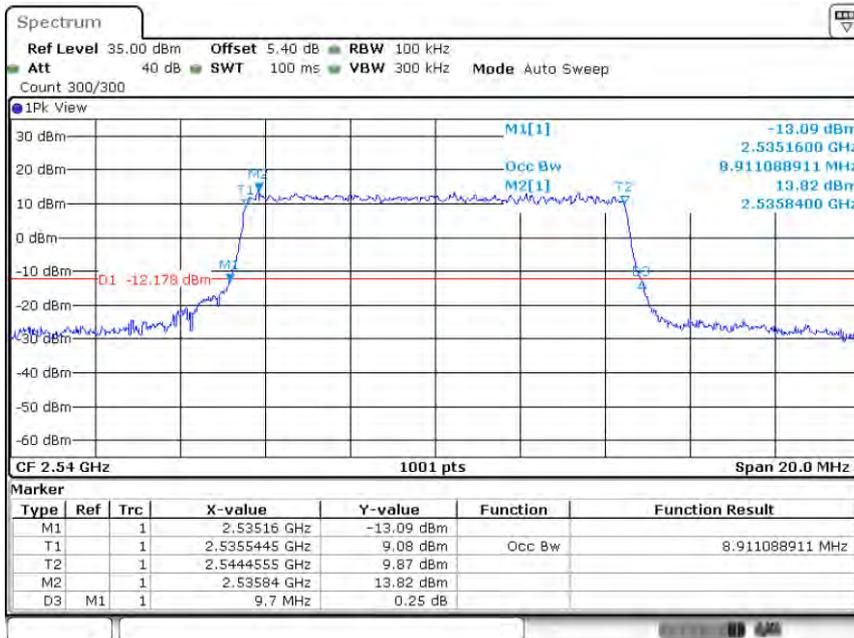
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**Band41-10MHz-QPSK-41190-50RB#0-8.911**



Date: 11.OCT.2020 19:54:58

**Band41-10MHz-16QAM-40090-50RB#0-8.911**

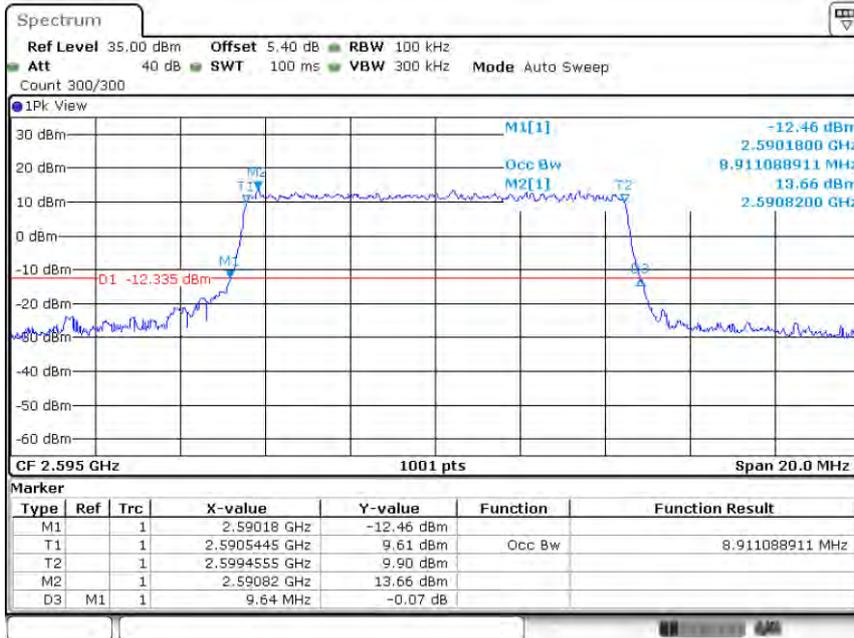


Date: 11.OCT.2020 19:52:31



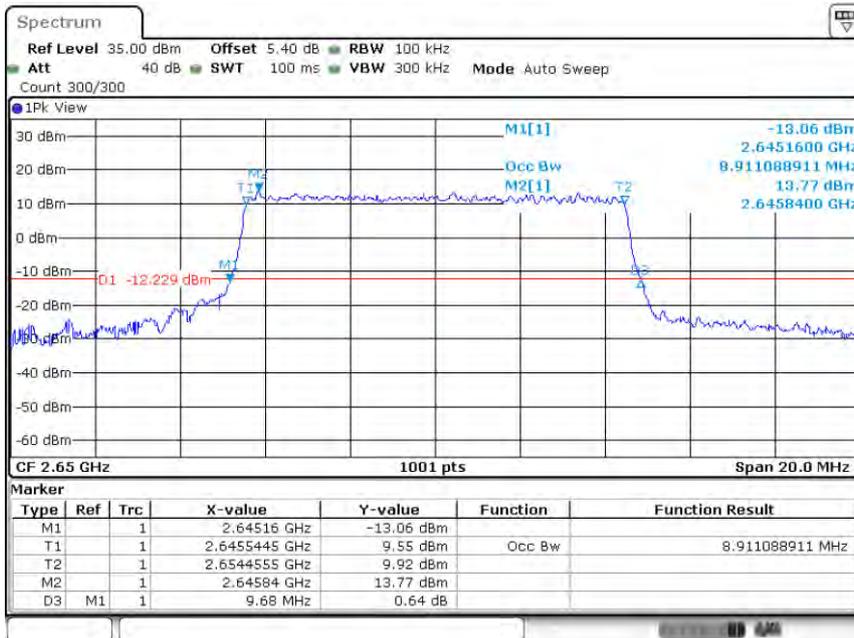
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**Band41-10MHz-16QAM-40640-50RB#0-8.911**



Date: 11.OCT.2020 19:54:09

**Band41-10MHz-16QAM-41190-50RB#0-8.911**

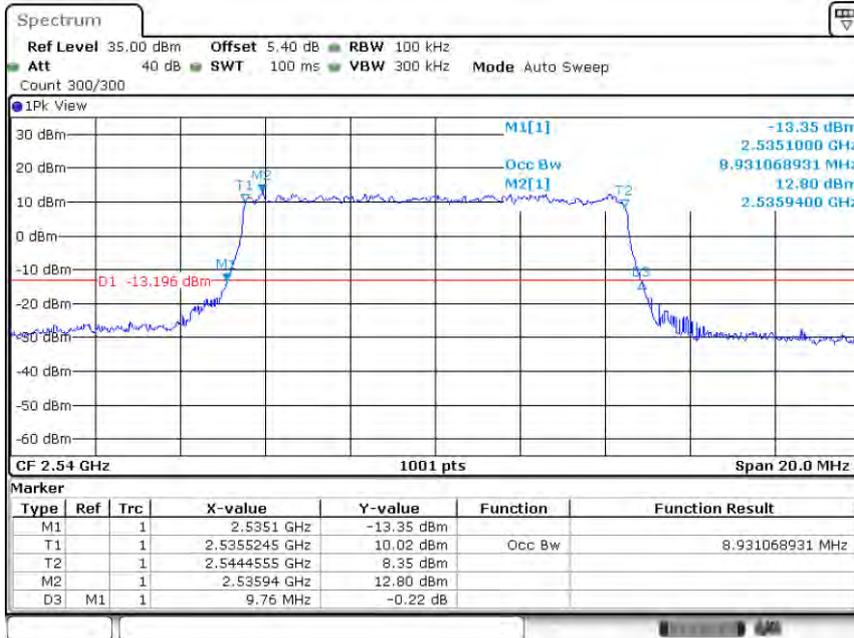


Date: 11.OCT.2020 19:55:47



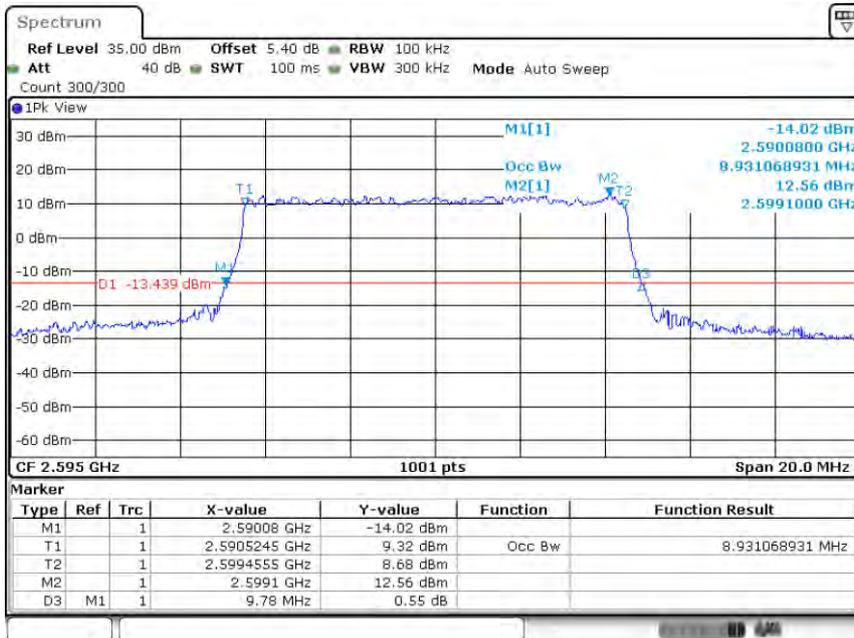
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**Band41-10MHz-64QAM-40090-50RB#0-8.931**



Date: 14.OCT.2020 11:54:34

**Band41-10MHz-64QAM-40640-50RB#0-8.931**

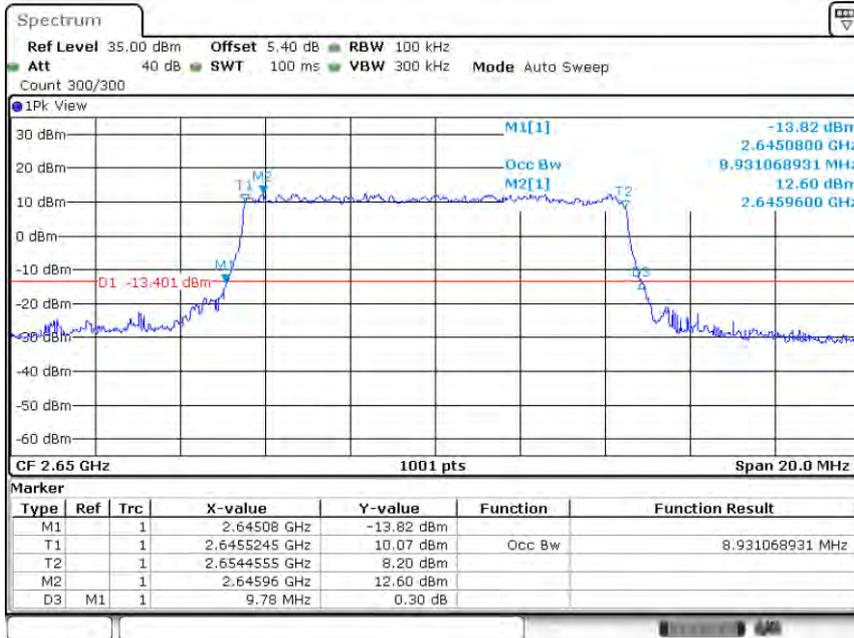


Date: 14.OCT.2020 11:55:23



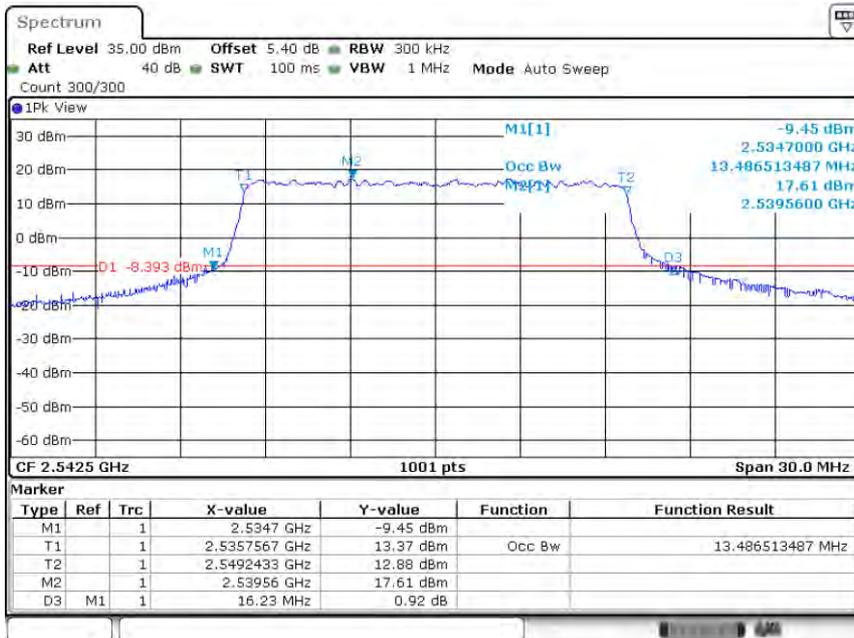
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**Band41-10MHz-64QAM-41190-50RB#0-8.931**



Date: 14.OCT.2020 11:56:12

**Band41-15MHz-QPSK-40115-75RB#0-13.487**

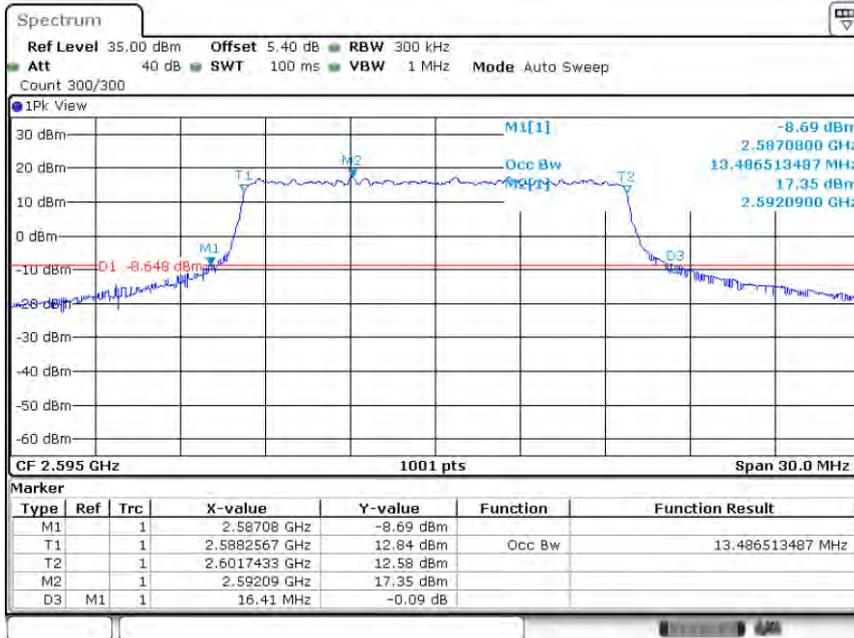


Date: 11.OCT.2020 19:56:41



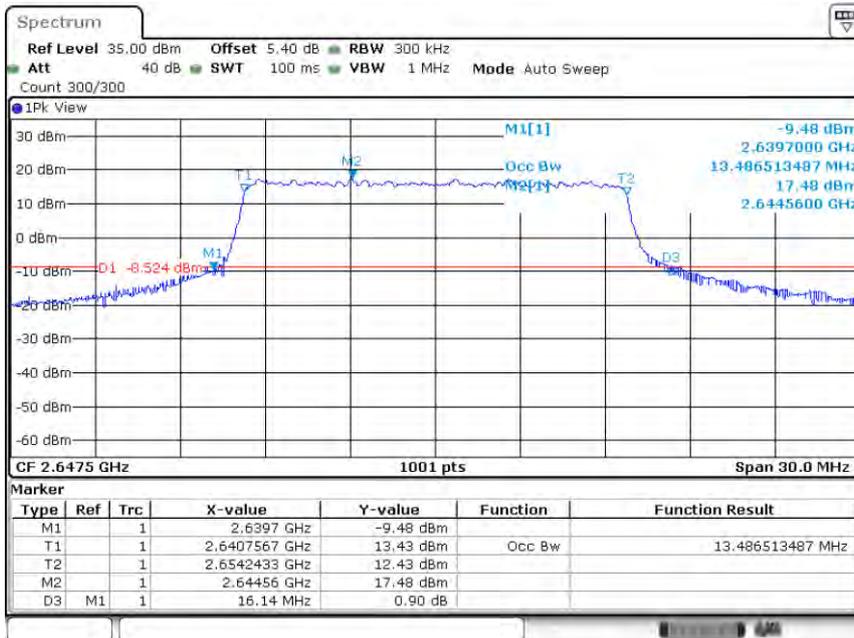
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**Band41-15MHz-QPSK-40640-75RB#0-13.487**



Date: 11.OCT.2020 19:58:19

**Band41-15MHz-QPSK-41165-75RB#0-13.487**

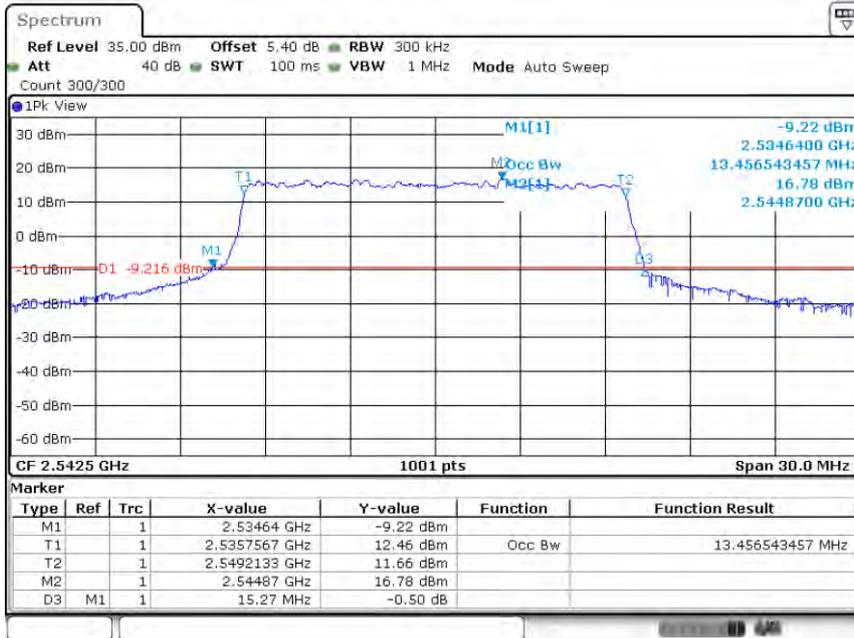


Date: 11.OCT.2020 19:59:57



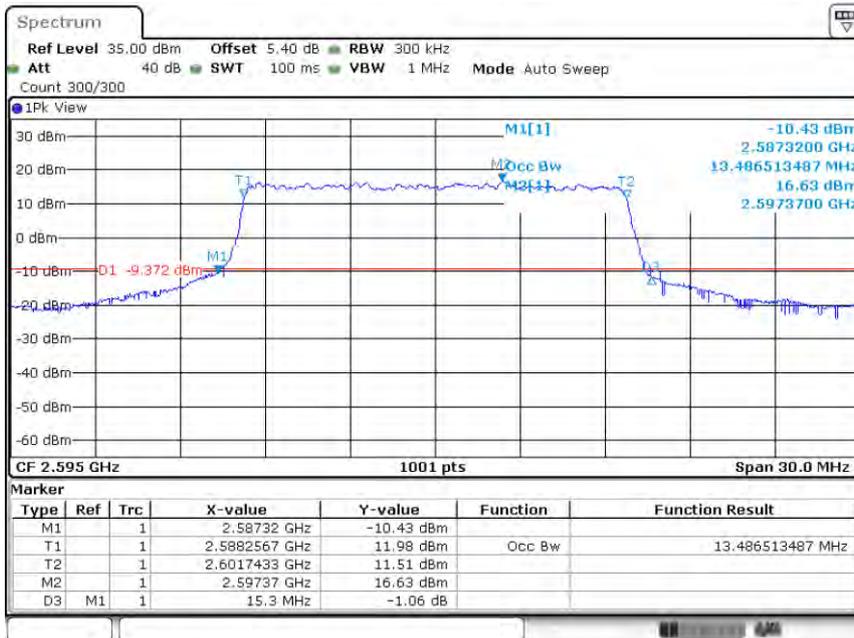
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**Band41-15MHz-16QAM-40115-75RB#0-13.457**



Date: 11.OCT.2020 19:57:30

**Band41-15MHz-16QAM-40640-75RB#0-13.487**

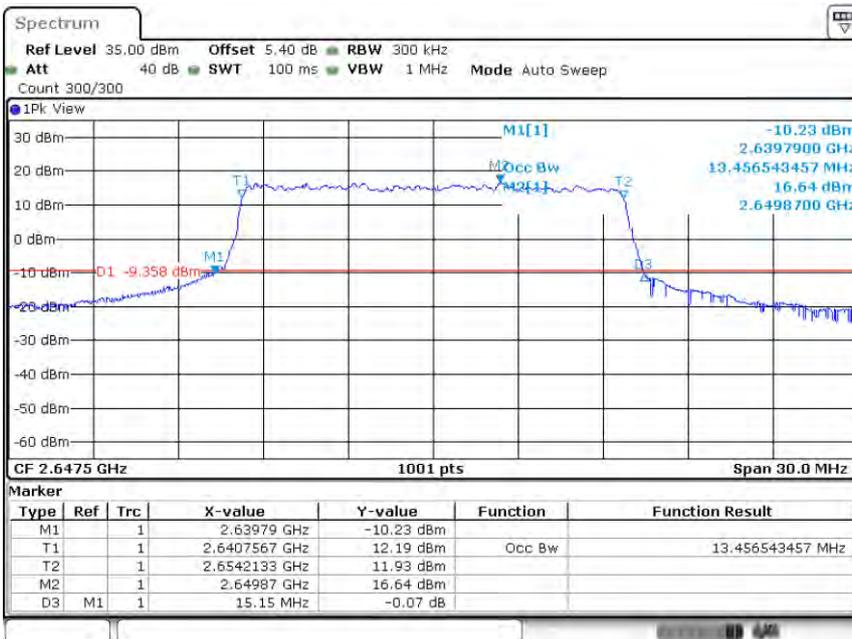


Date: 11.OCT.2020 19:59:08



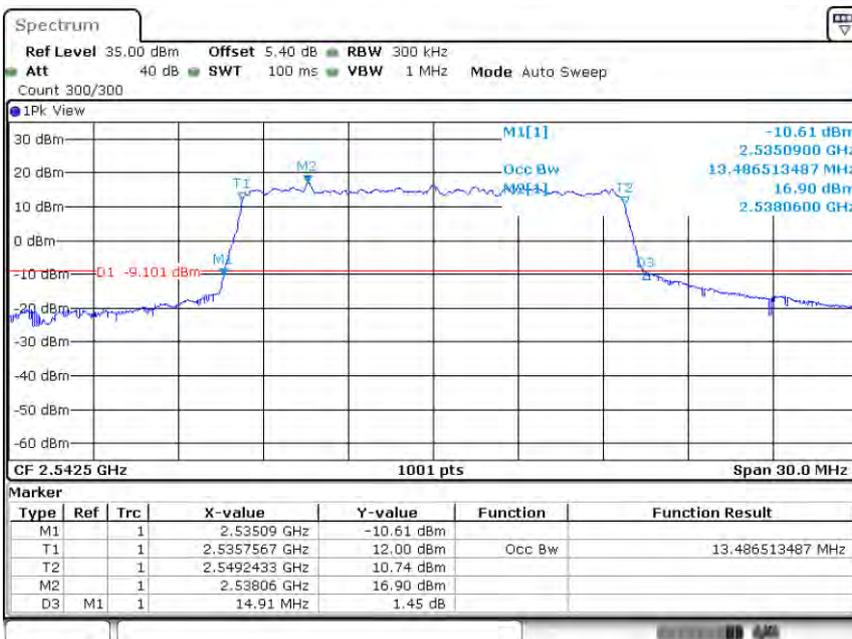
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**Band41-15MHz-16QAM-41165-75RB#0-13.457**



Date: 11.OCT.2020 20:00:46

**Band41-15MHz-64QAM-40115-75RB#0-13.487**

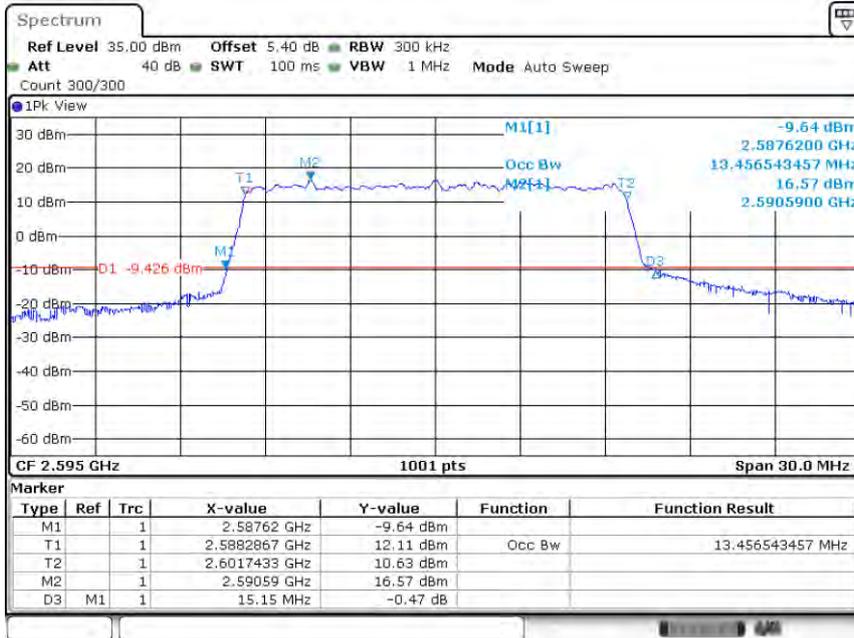


Date: 14.OCT.2020 11:57:08



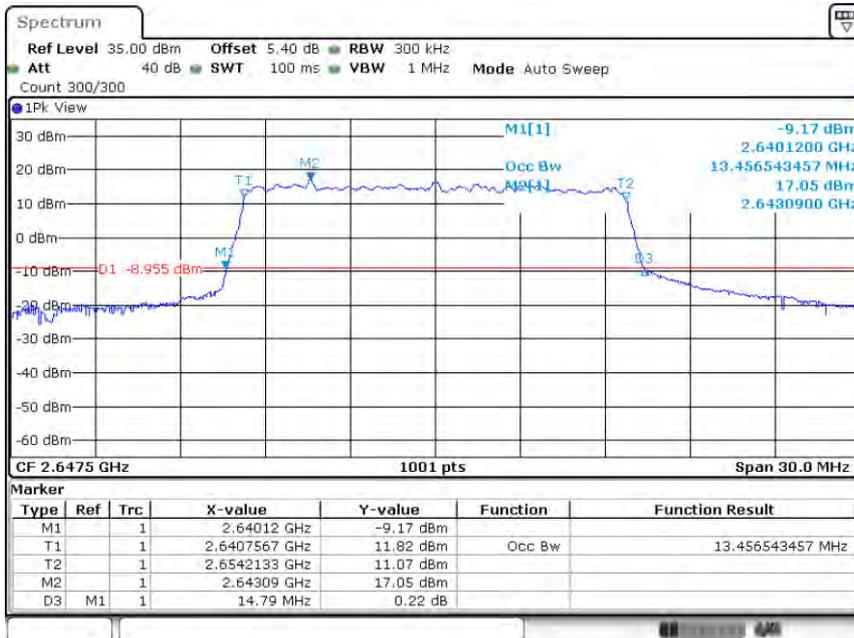
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**Band41-15MHz-64QAM-40640-75RB#0-13.457**



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

**Band41-15MHz-64QAM-41165-75RB#0-13.457**



Date: 14.OCT.2020 11:58:46

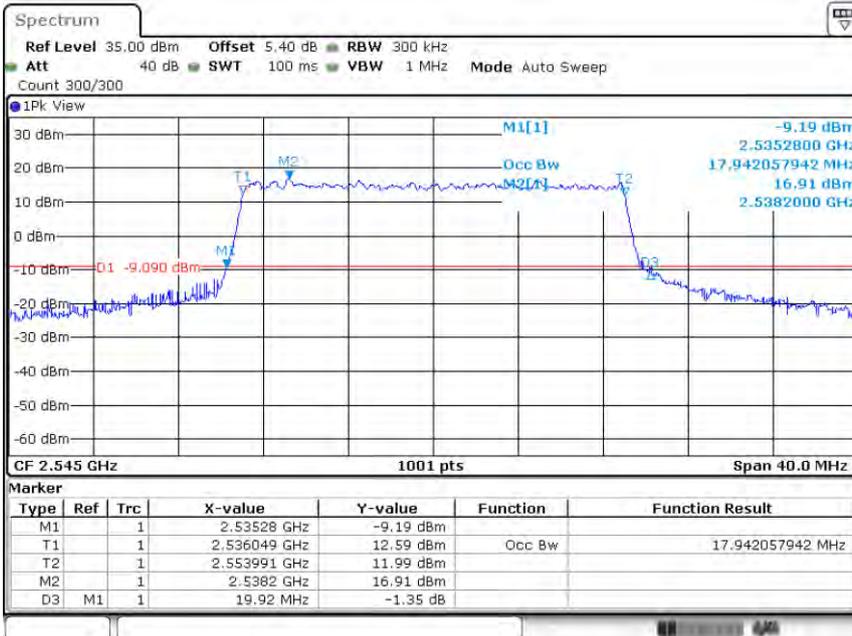


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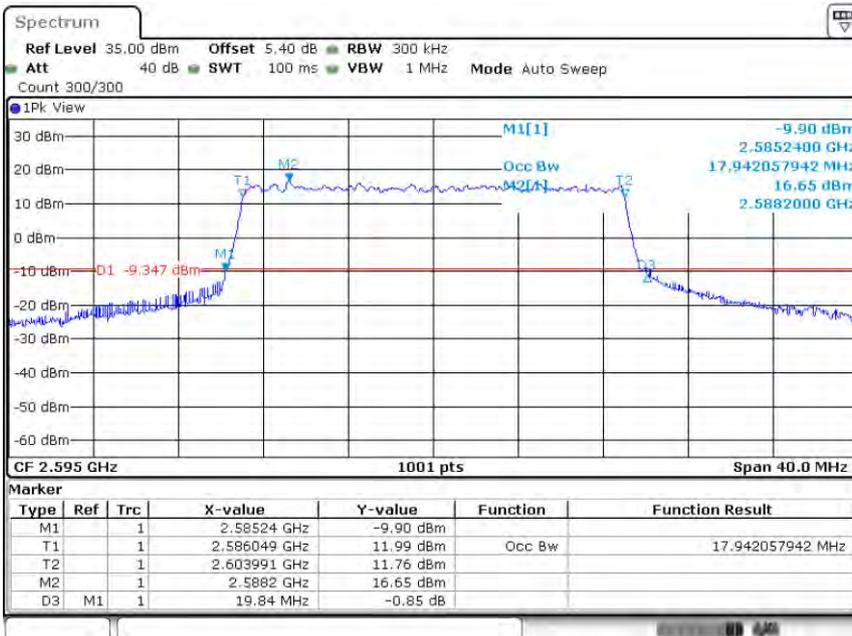
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**Band41-20MHz-QPSK-40140-100RB#0-17.942**



Date: 11.OCT.2020 20:01:40

**Band41-20MHz-QPSK-40640-100RB#0-17.942**

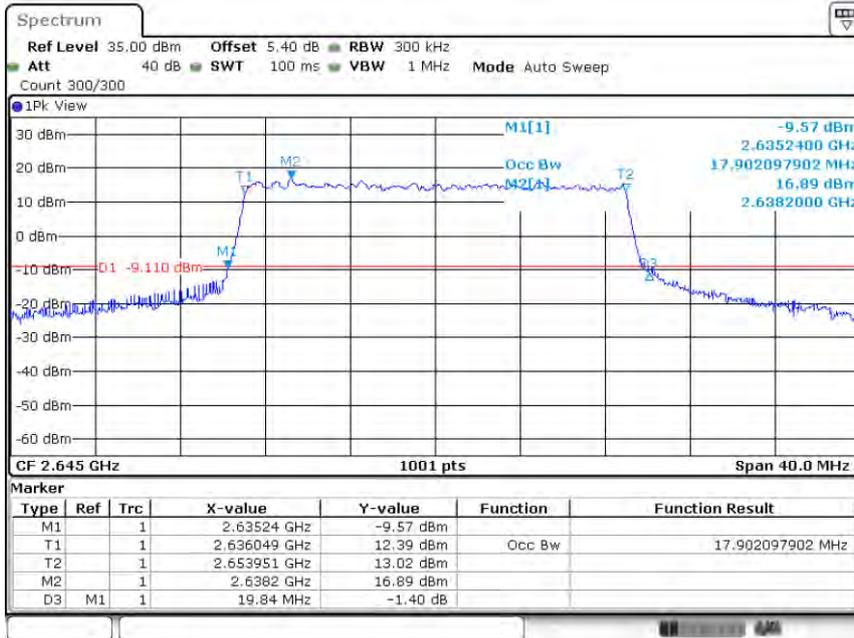


Date: 11.OCT.2020 20:03:18



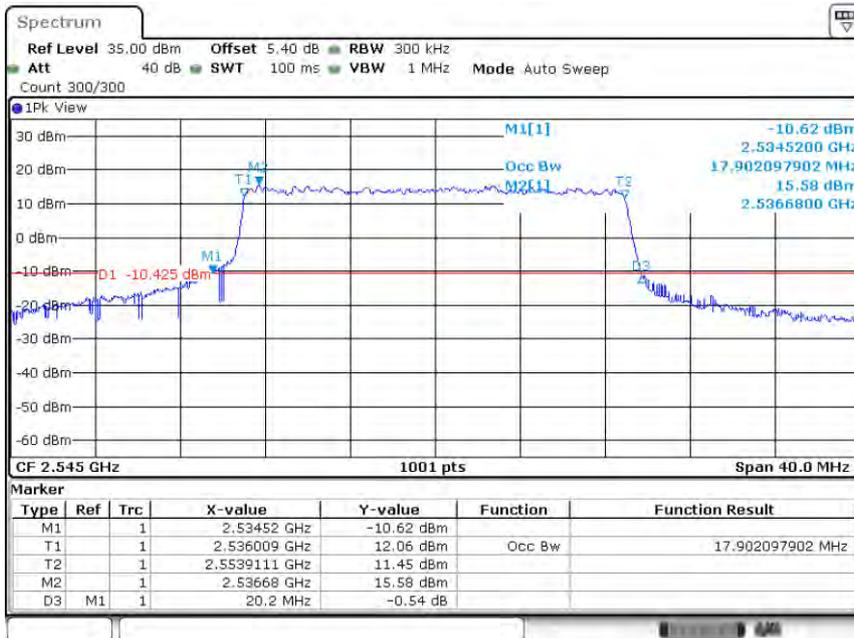
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**Band41-20MHz-QPSK-41140-100RB#0-17.902**



Date: 11.OCT.2020 20:04:56

**Band41-20MHz-16QAM-40140-100RB#0-17.902**

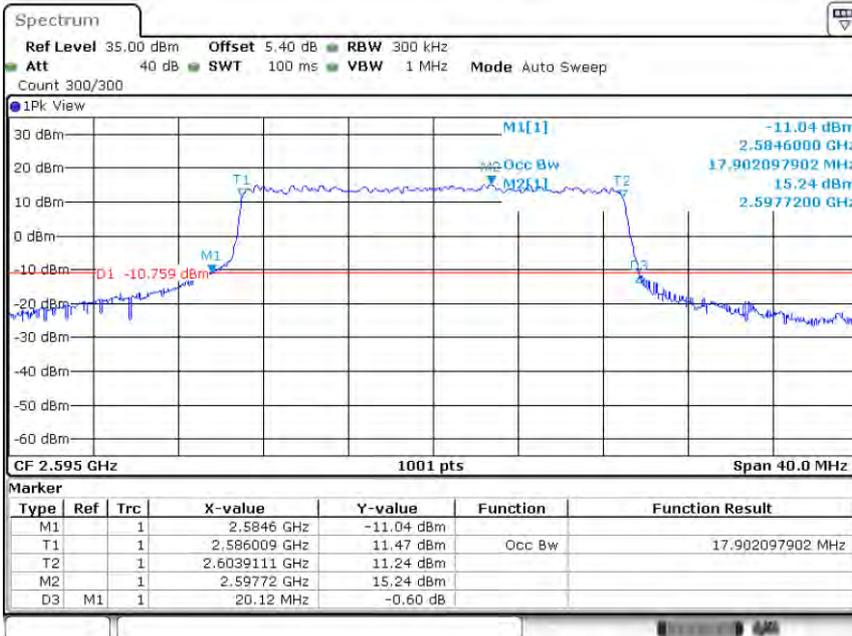


Date: 11.OCT.2020 20:02:29



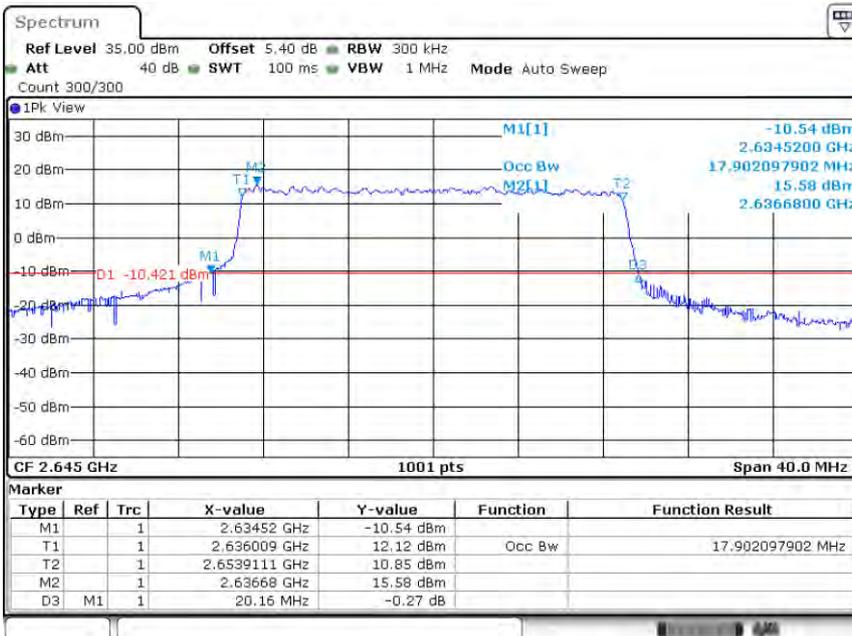
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**Band41-20MHz-16QAM-40640-100RB#0-17.902**



Date: 11.OCT.2020 20:04:07

**Band41-20MHz-16QAM-41140-100RB#0-17.902**

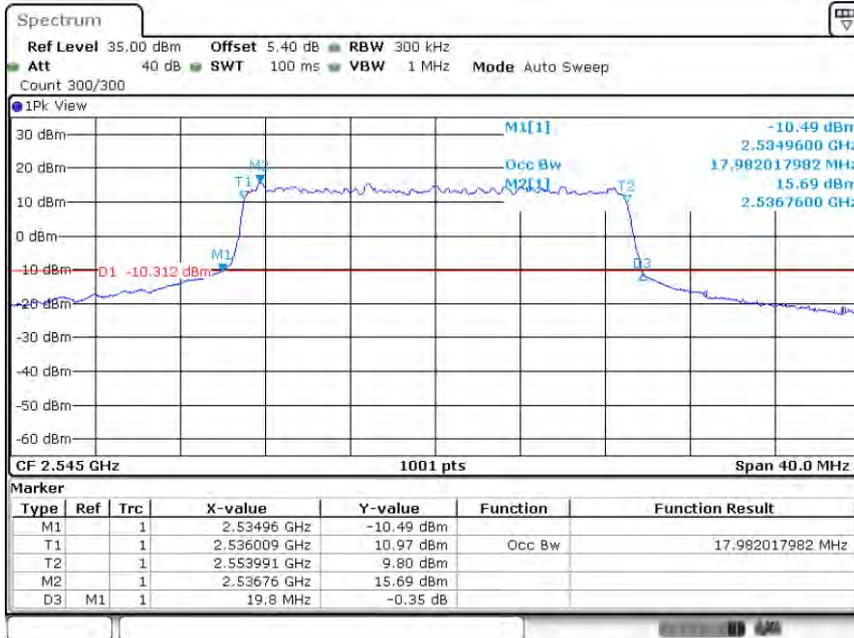


Date: 11.OCT.2020 20:05:45



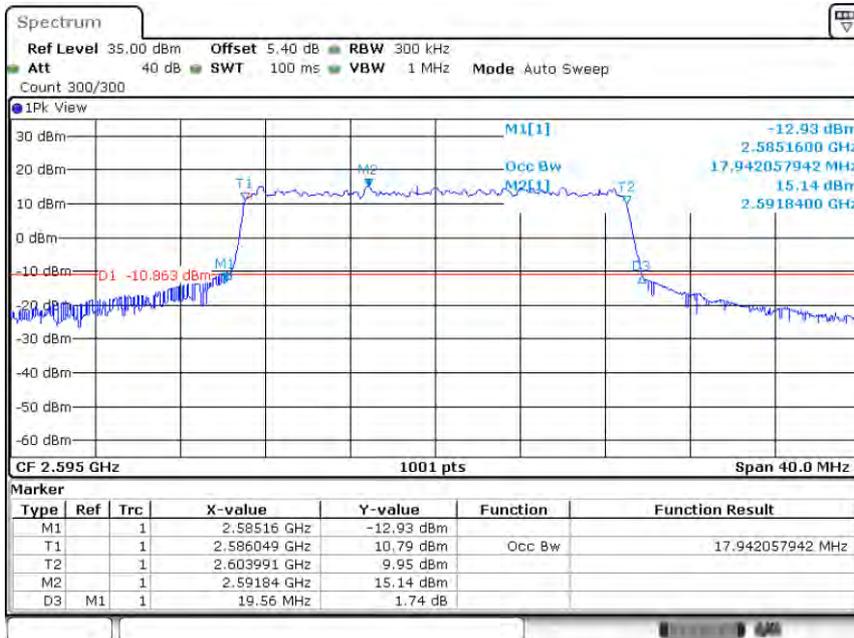
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**Band41-20MHz-64QAM-40140-100RB#0-17.982**



Date: 14.OCT.2020 12:14:08

**Band41-20MHz-64QAM-40640-100RB#0-17.942**

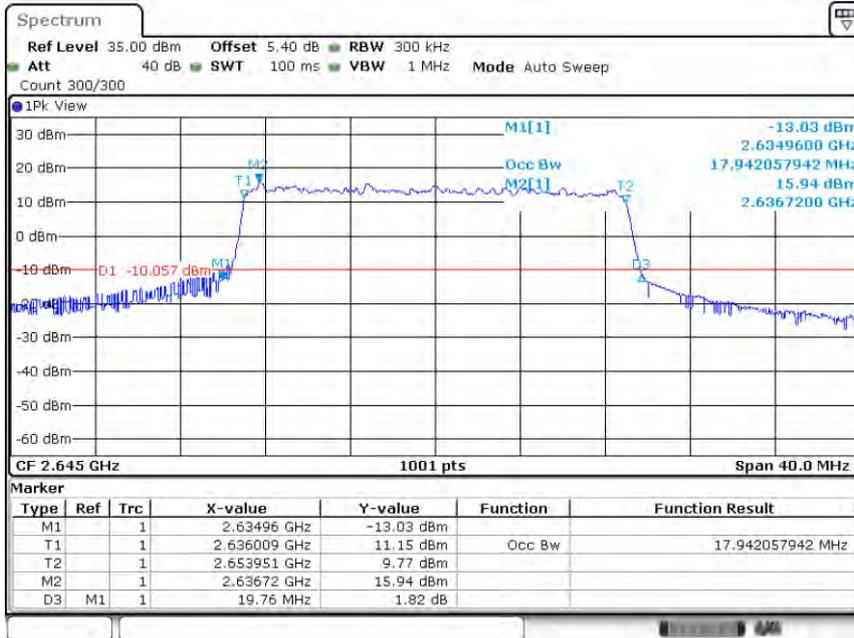


Date: 14.OCT.2020 12:15:03



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**Band41-20MHz-64QAM-41140-100RB#0-17.942**



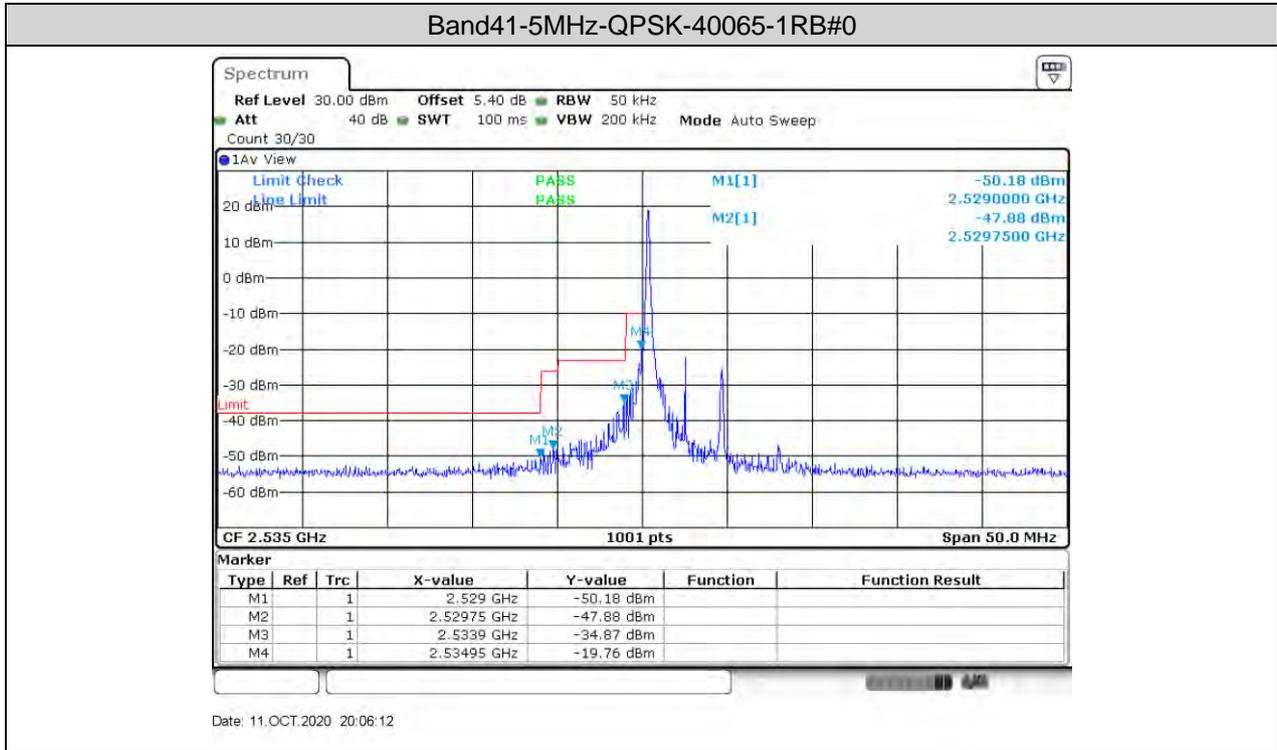
Date: 14.OCT.2020 12:15:56



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## 5 Band Edge Compliance

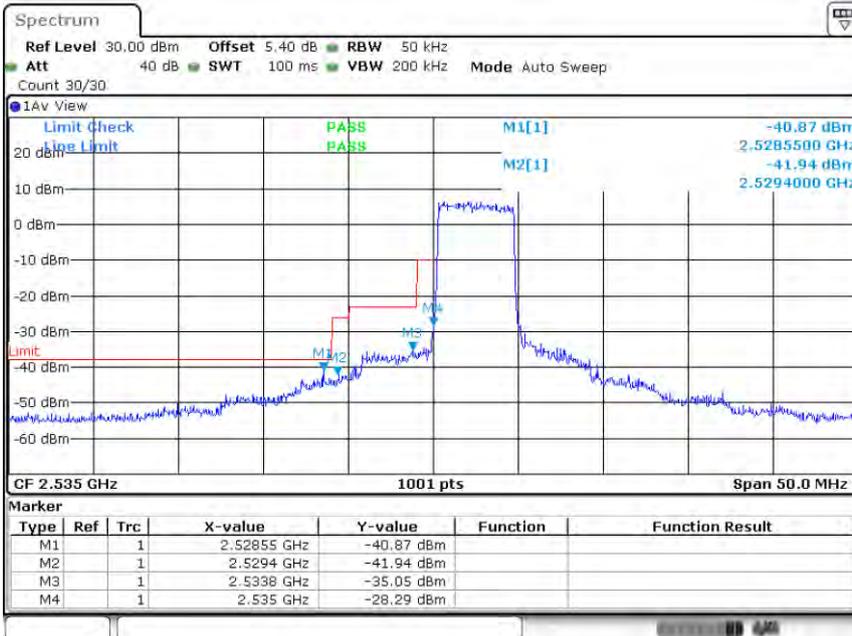
### 5.1 Test Plots



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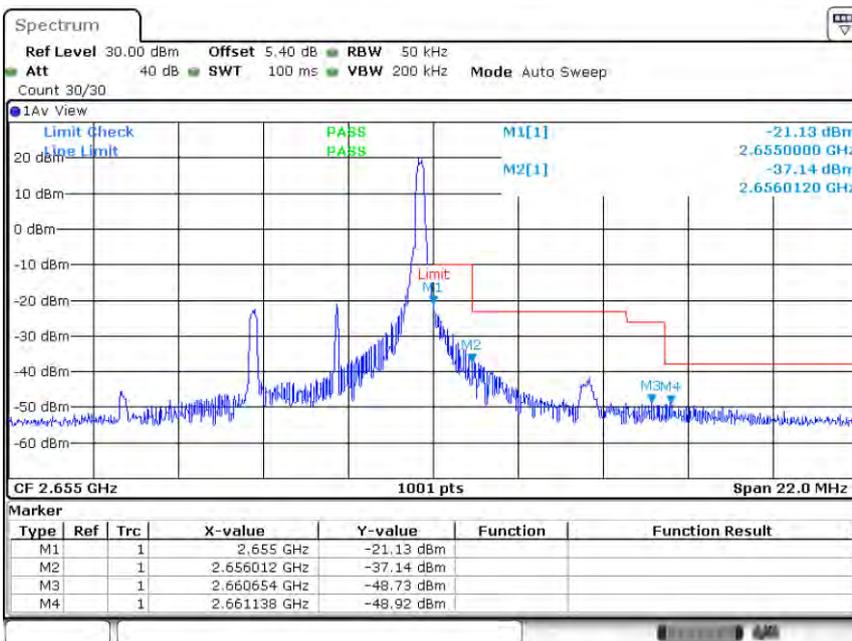
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**Band41-5MHz-QPSK-40065-25RB#0**



Date: 11.OCT.2020 20:06:49

**Band41-5MHz-QPSK-41215-1RB#24**

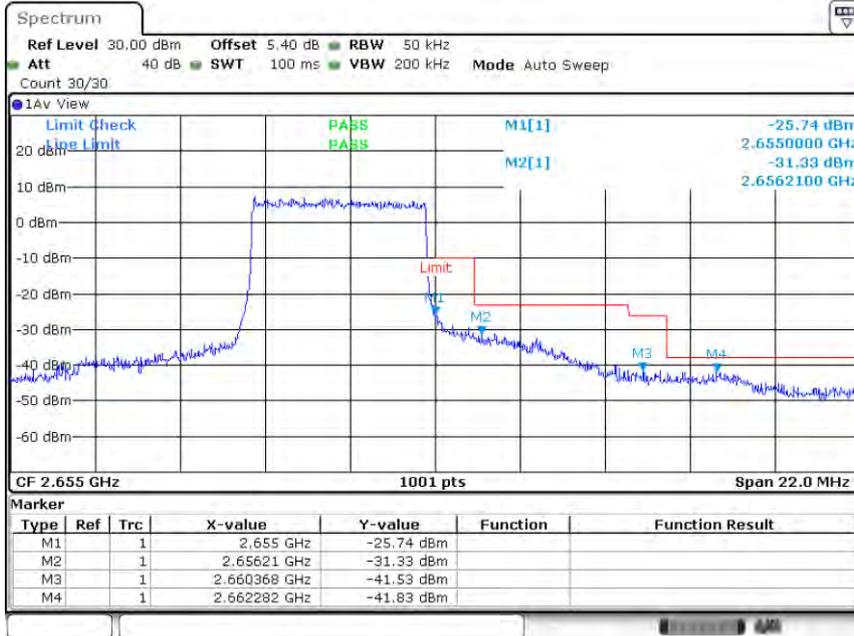


Date: 11.OCT.2020 20:07:35



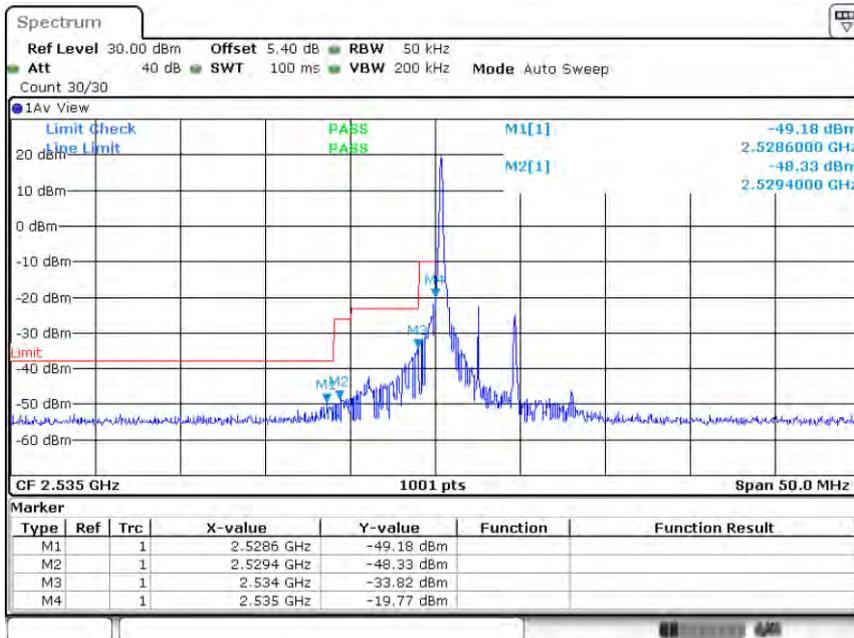
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**Band41-5MHz-QPSK-41215-25RB#0**



Date: 11.OCT.2020 20:08:12

**Band41-5MHz-16QAM-40065-1RB#0**

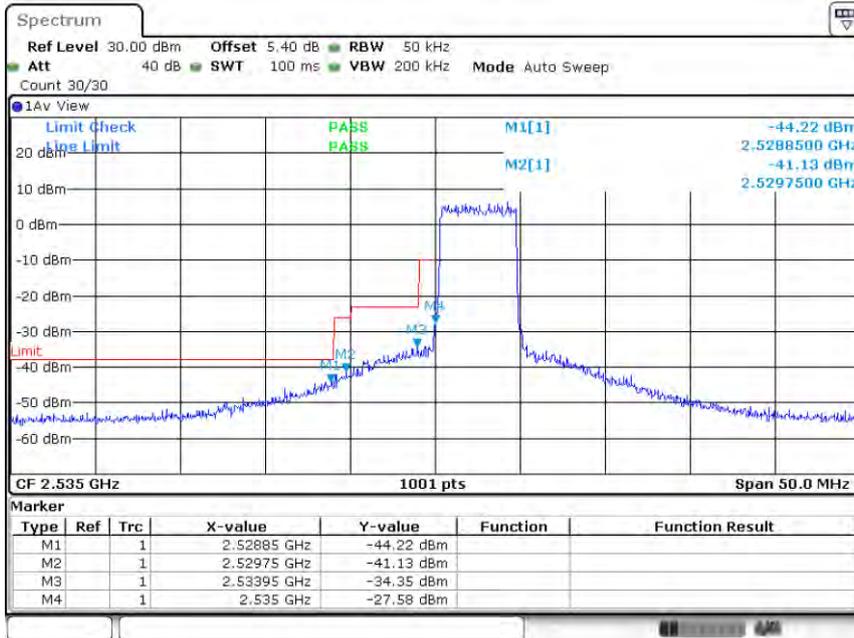


Date: 11.OCT.2020 20:06:31



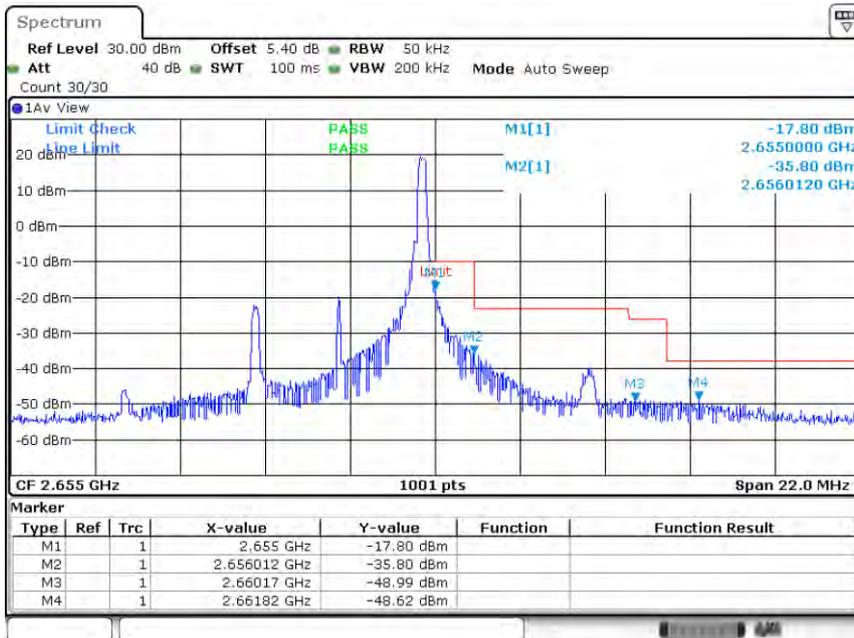
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**Band41-5MHz-16QAM-40065-25RB#0**



Date: 11.OCT.2020 20:07:08

**Band41-5MHz-16QAM-41215-1RB#24**

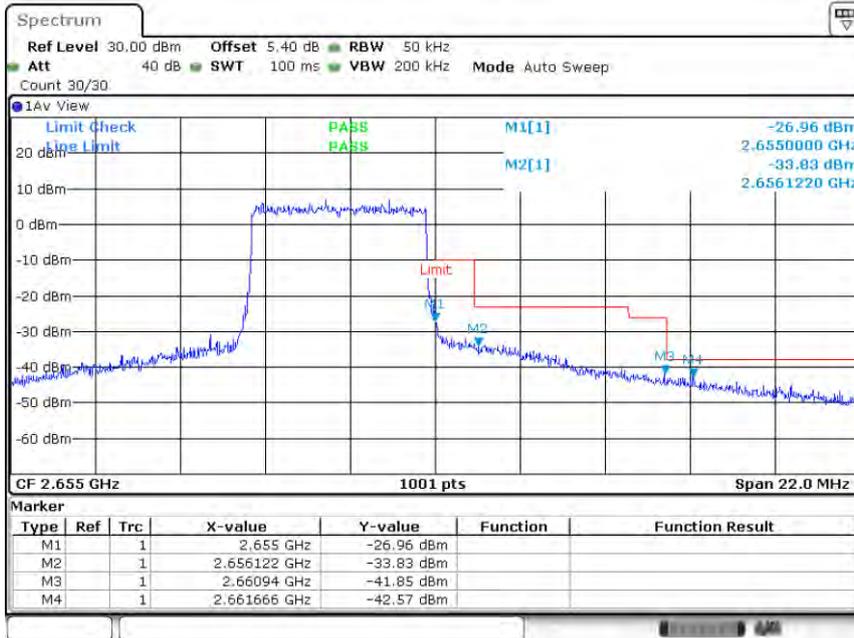


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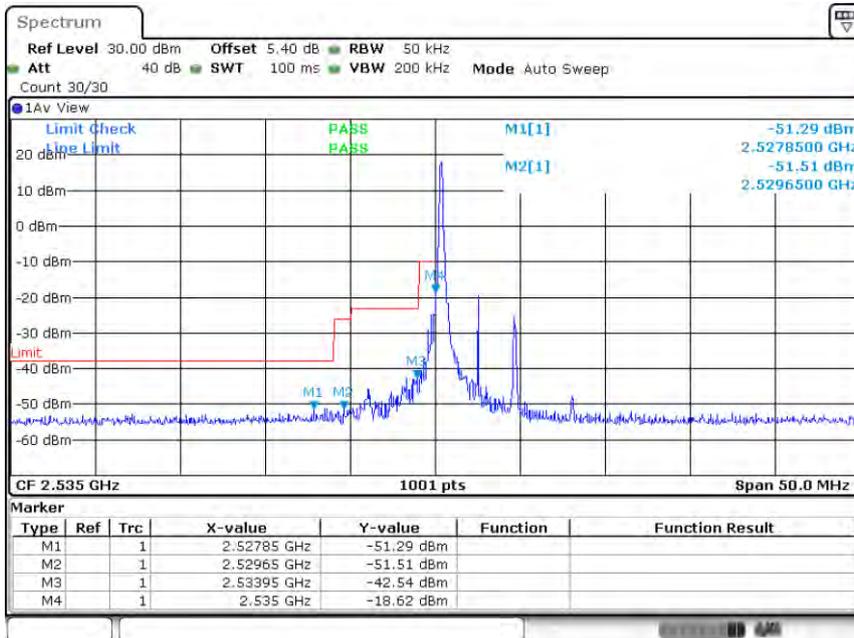
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**Band41-5MHz-16QAM-41215-25RB#0**



Date: 11.OCT.2020 20:08:31

**Band41-5MHz-64QAM-40065-1RB#0**

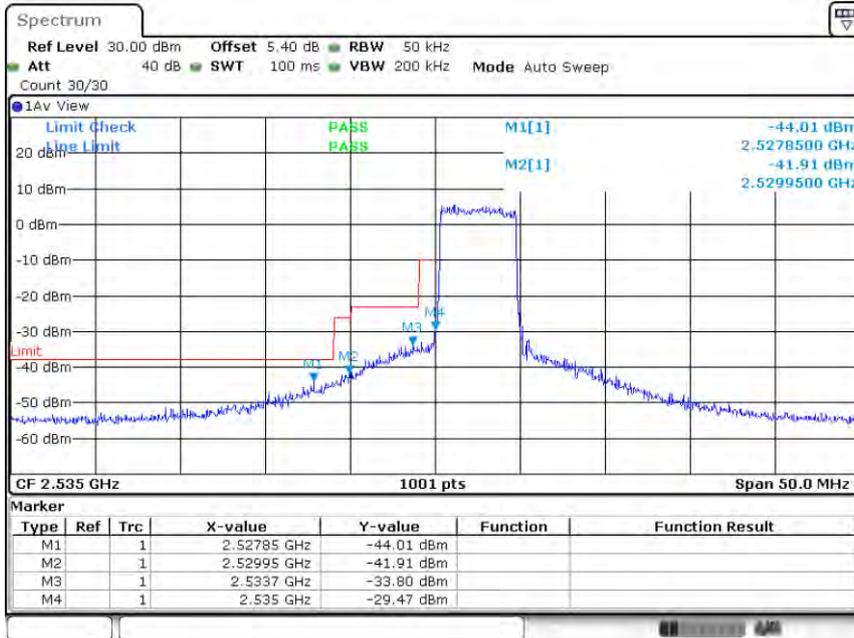


Date: 14.OCT.2020 12:16:25



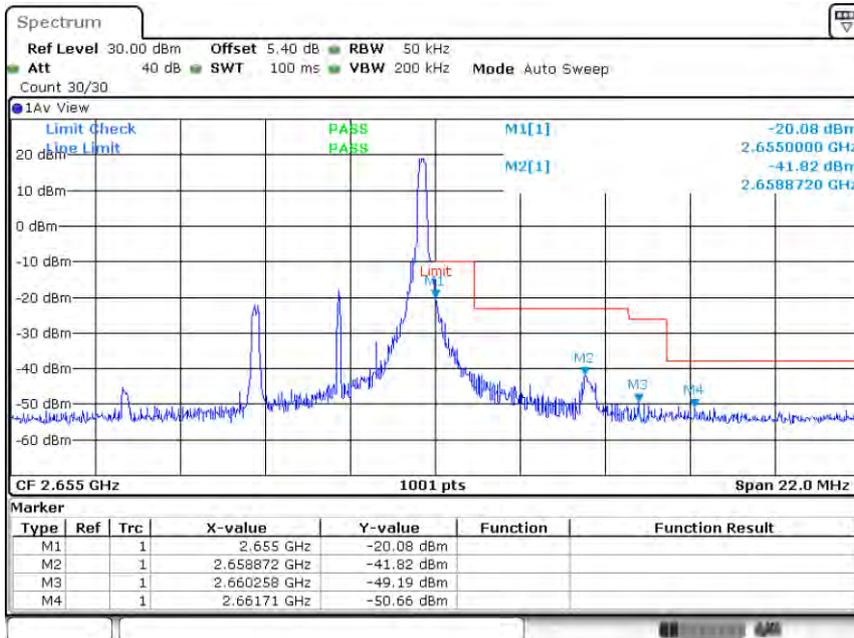
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**Band41-5MHz-64QAM-40065-25RB#0**



Date: 14.OCT.2020 12:16:44

**Band41-5MHz-64QAM-41215-1RB#24**

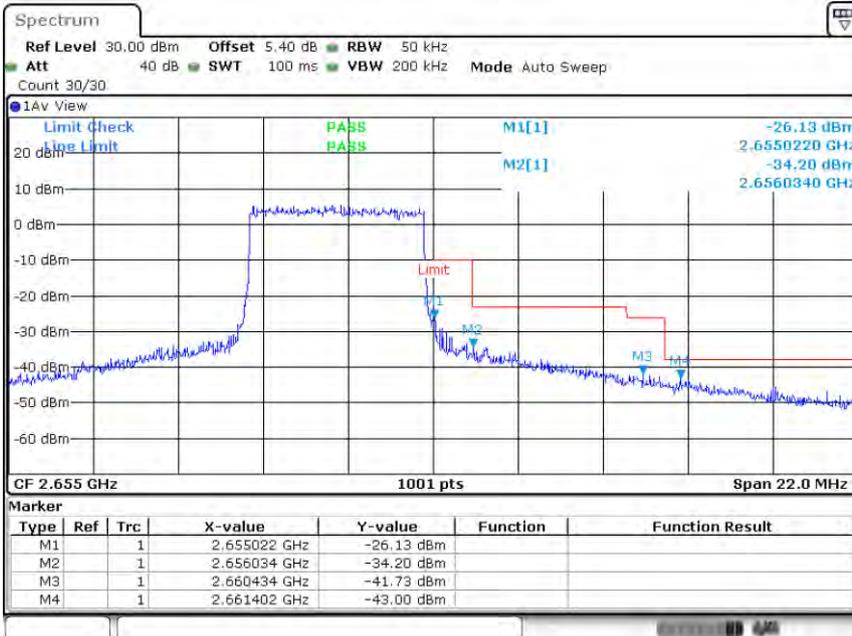


Date: 14.OCT.2020 12:17:12



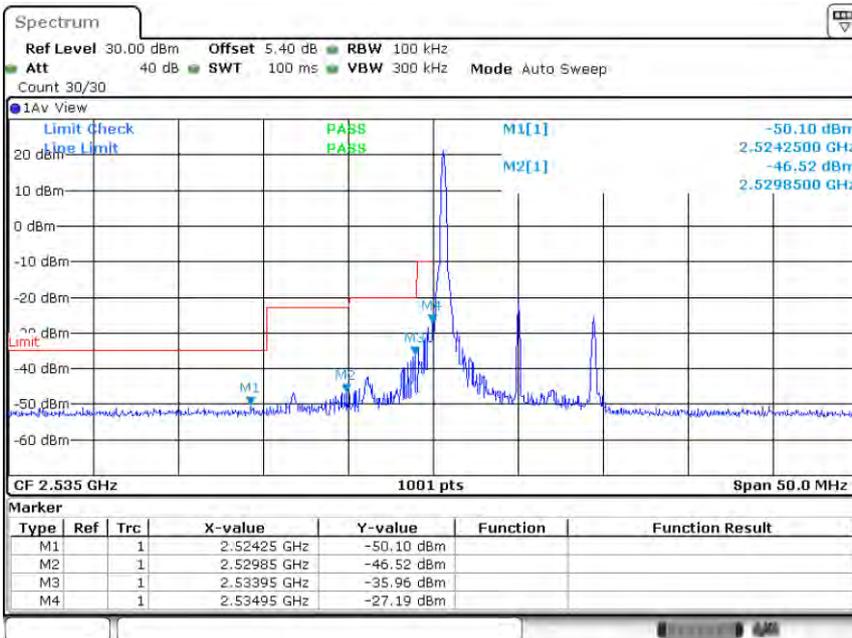
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**Band41-5MHz-64QAM-41215-25RB#0**



Date: 14.OCT.2020 12:17:30

**Band41-10MHz-QPSK-40090-1RB#0**



Date: 11.OCT.2020 20:08:58



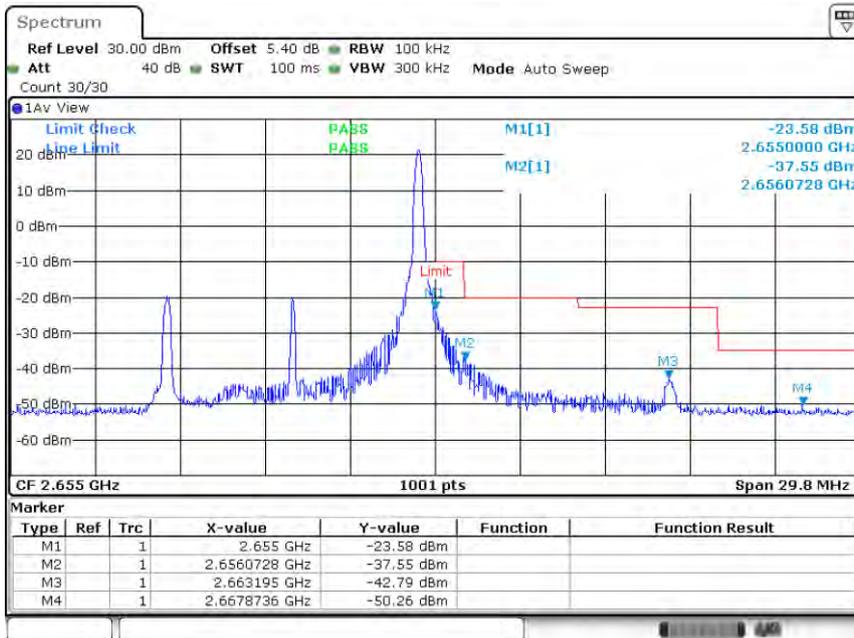
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**Band41-10MHz-QPSK-40090-50RB#0**



Date: 11.OCT.2020 20:09:36

**Band41-10MHz-QPSK-41190-1RB#49**



Date: 11.OCT.2020 20:10:22

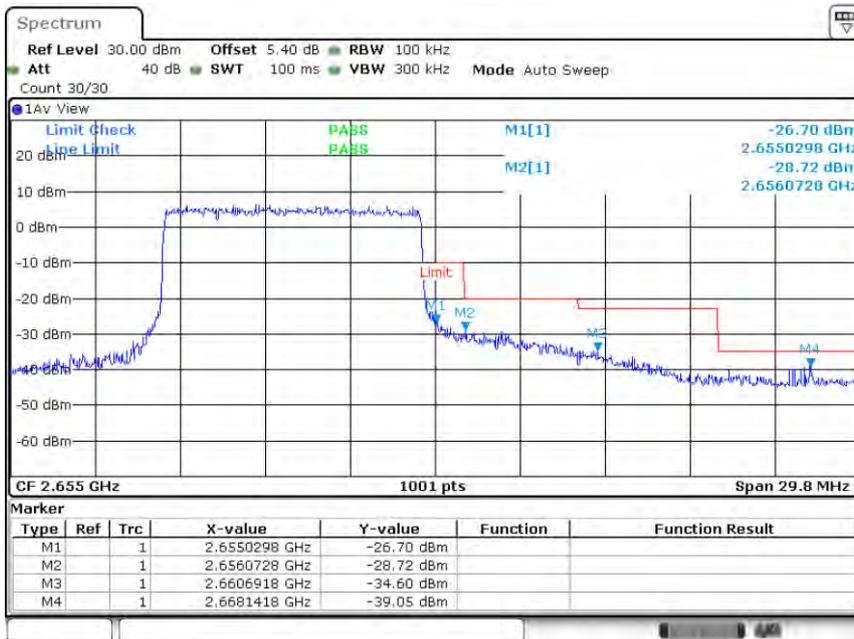


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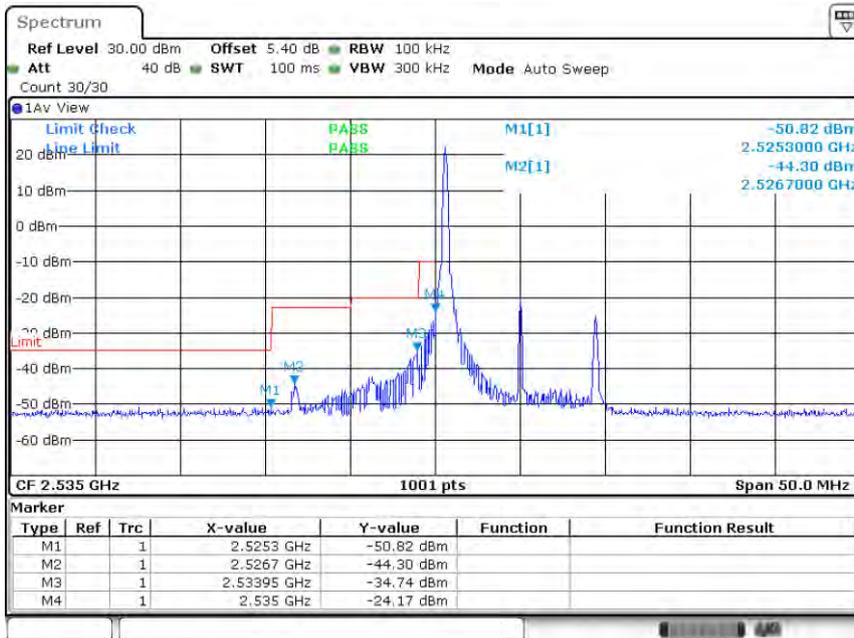
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**Band41-10MHz-QPSK-41190-50RB#0**



Date: 11.OCT.2020 20:10:59

**Band41-10MHz-16QAM-40090-1RB#0**

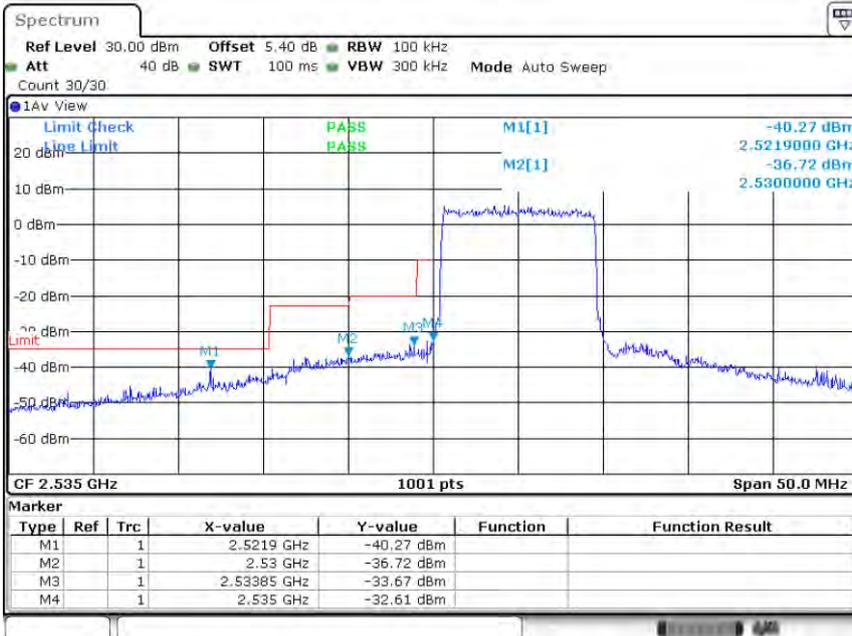


Date: 11.OCT.2020 20:09:17



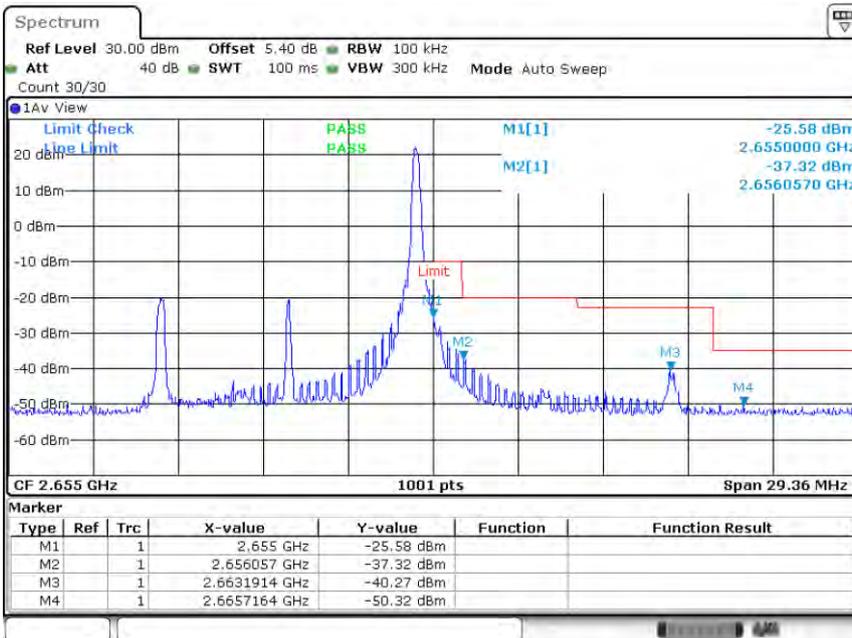
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**Band41-10MHz-16QAM-40090-50RB#0**



Date: 11.OCT.2020 20:09:55

**Band41-10MHz-16QAM-41190-1RB#49**

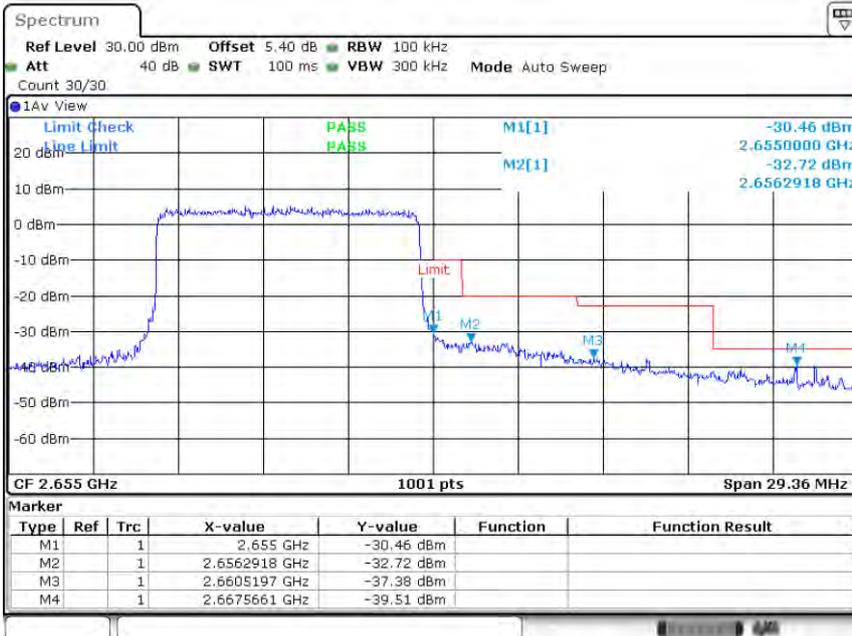


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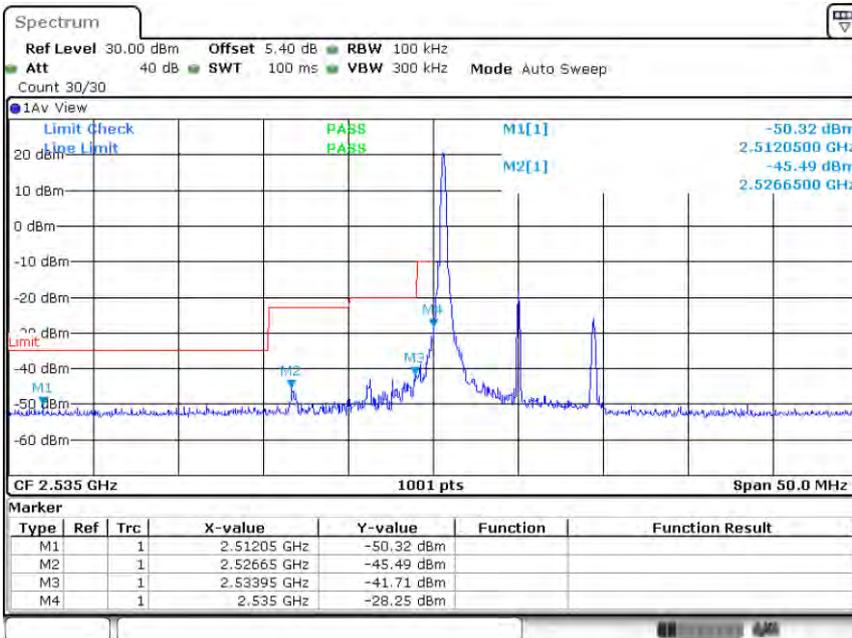
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**Band41-10MHz-16QAM-41190-50RB#0**



Date: 11.OCT.2020 20:11:18

**Band41-10MHz-64QAM-40090-1RB#0**

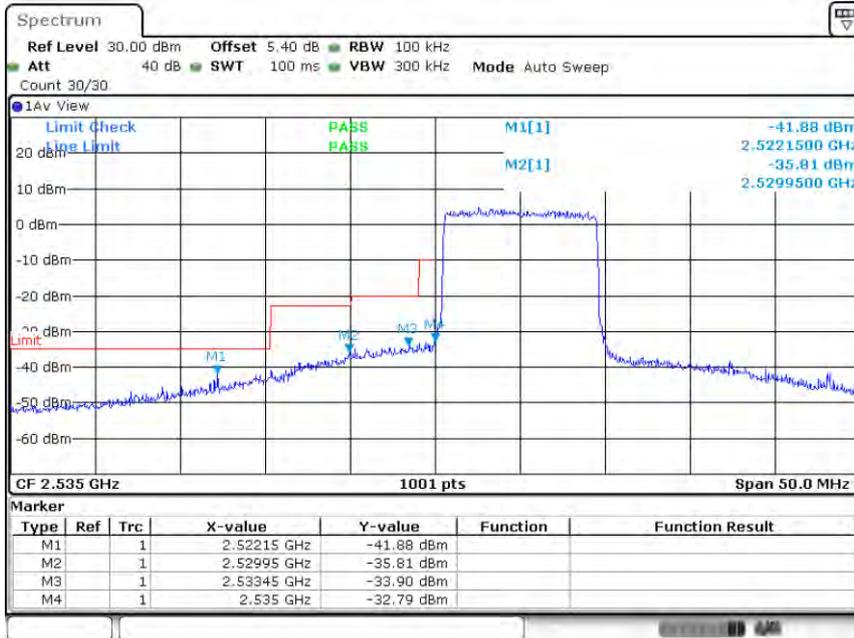


Date: 14.OCT.2020 12:17:59



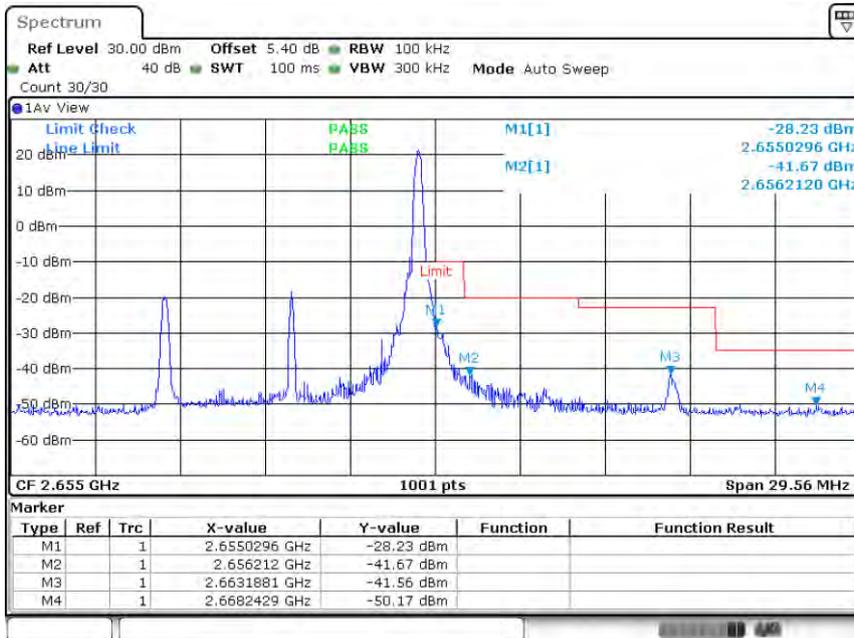
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**Band41-10MHz-64QAM-40090-50RB#0**



Date: 14.OCT.2020 12:18:18

**Band41-10MHz-64QAM-41190-1RB#49**

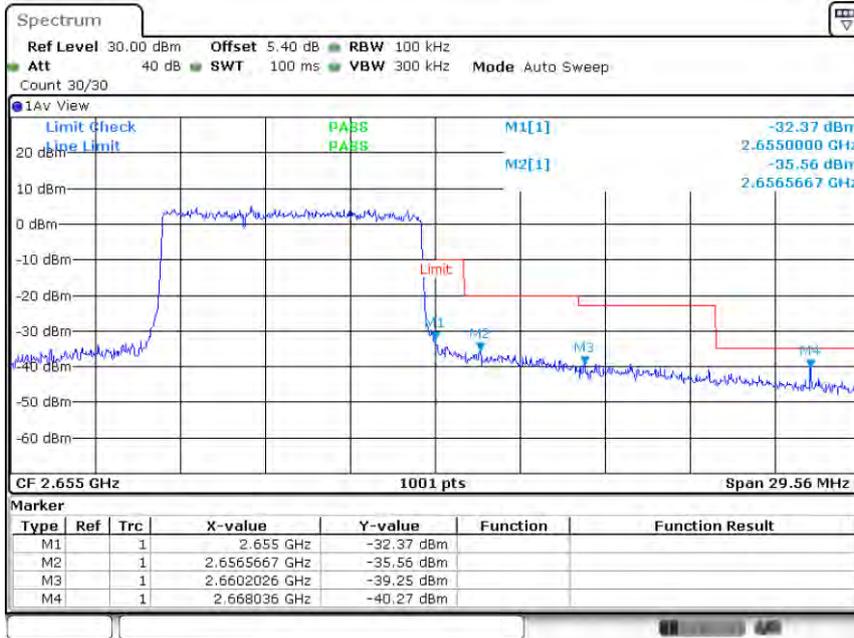


Date: 14.OCT.2020 12:18:45



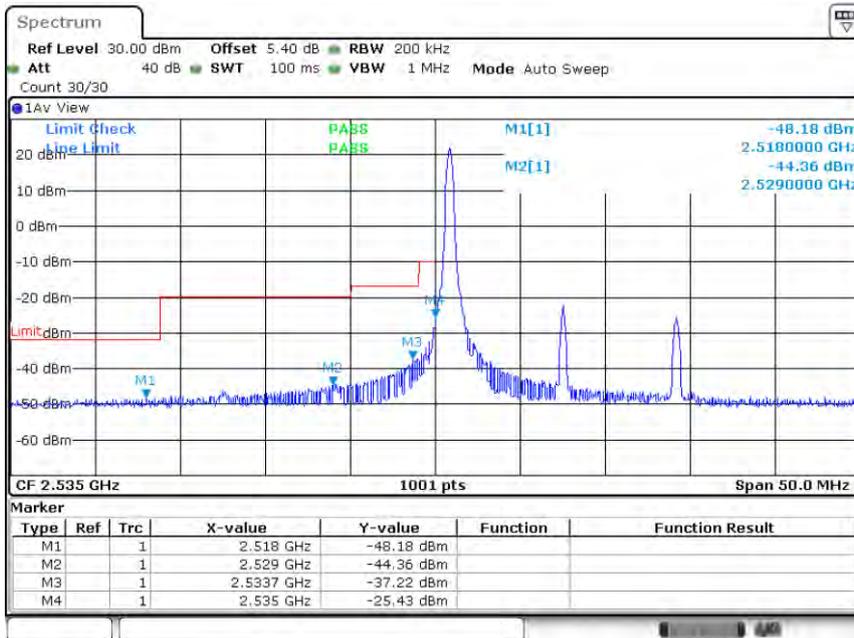
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**Band41-10MHz-64QAM-41190-50RB#0**



Date: 14.OCT.2020 12:19:04

**Band41-15MHz-QPSK-40115-1RB#0**

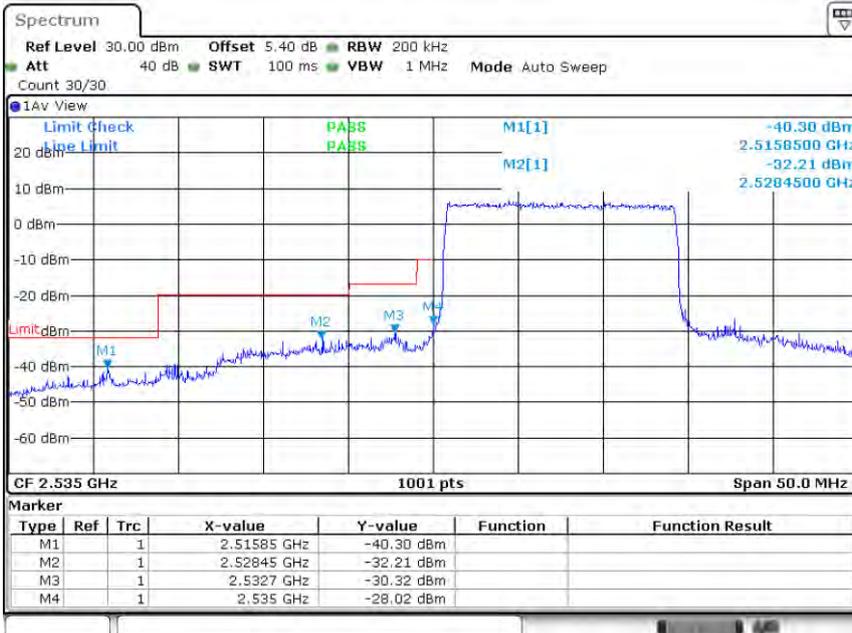


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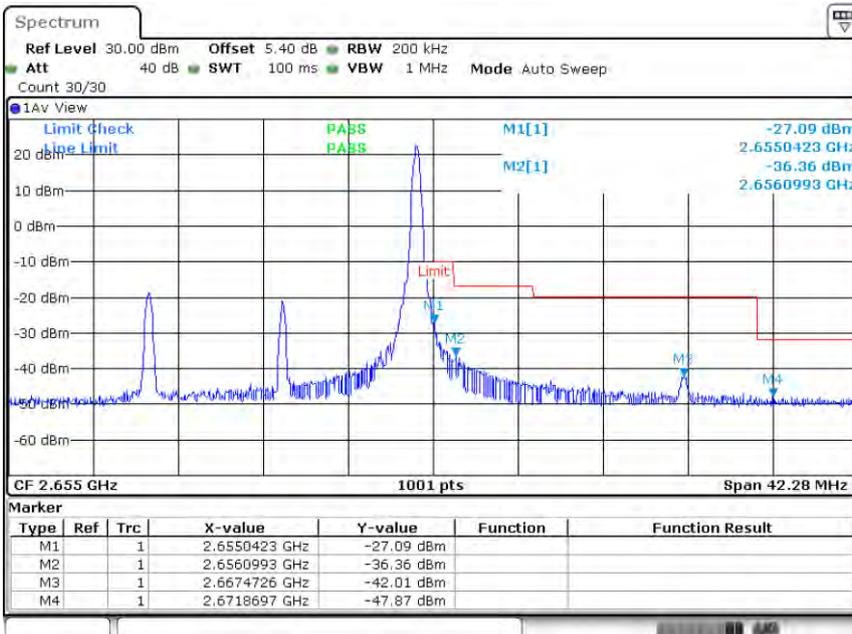
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**Band41-15MHz-QPSK-40115-75RB#0**



Date: 11.OCT.2020 20:12:23

**Band41-15MHz-QPSK-41165-1RB#74**

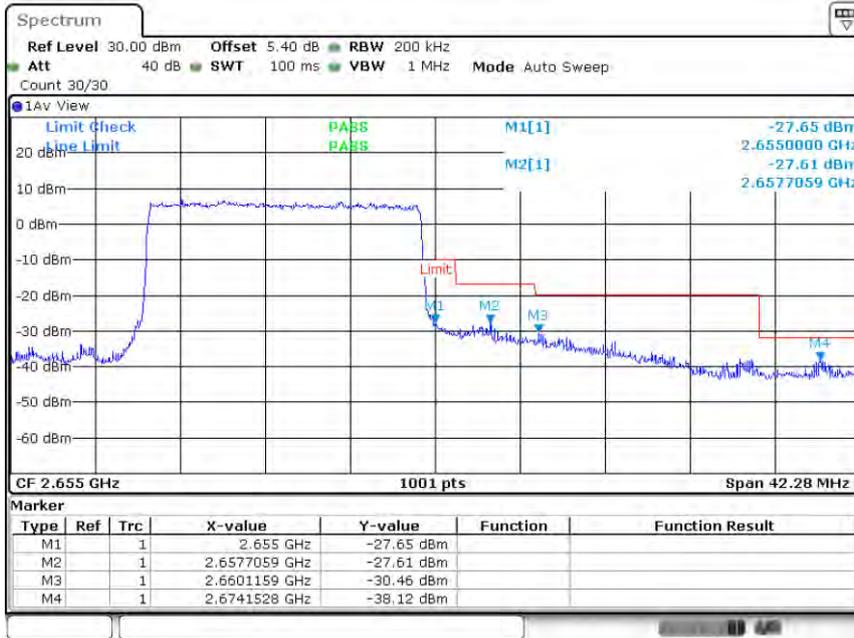


Date: 11.OCT.2020 20:13:08



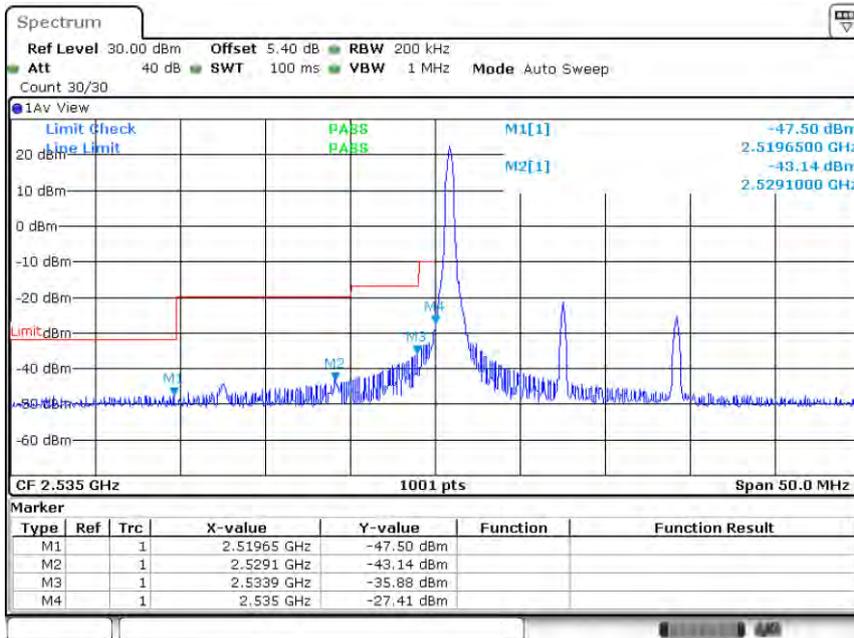
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中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

**Band41-15MHz-QPSK-41165-75RB#0**



Date: 11.OCT.2020 20:13:46

**Band41-15MHz-16QAM-40115-1RB#0**



Date: 11.OCT.2020 20:12:04



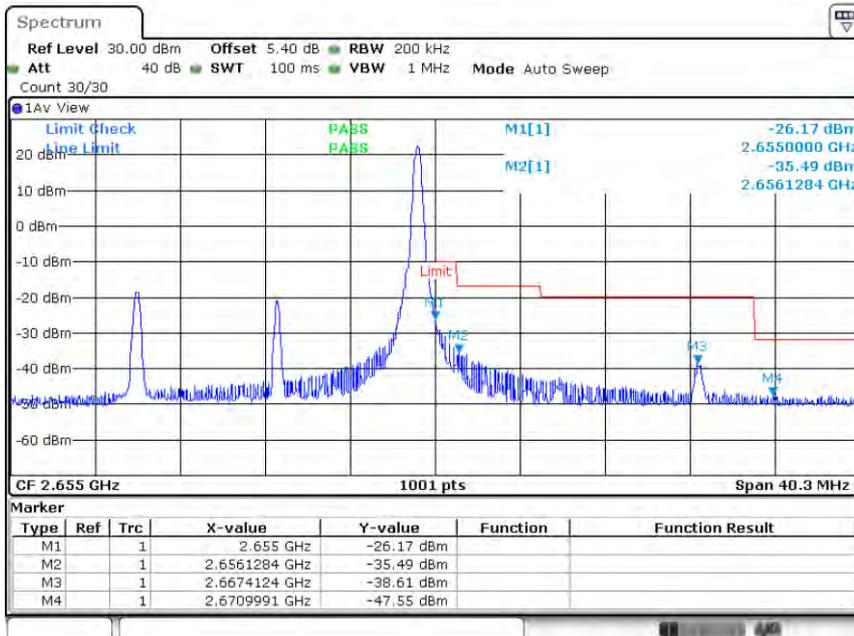
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**Band41-15MHz-16QAM-40115-75RB#0**



Date: 11.OCT.2020 20:12:42

**Band41-15MHz-16QAM-41165-1RB#74**

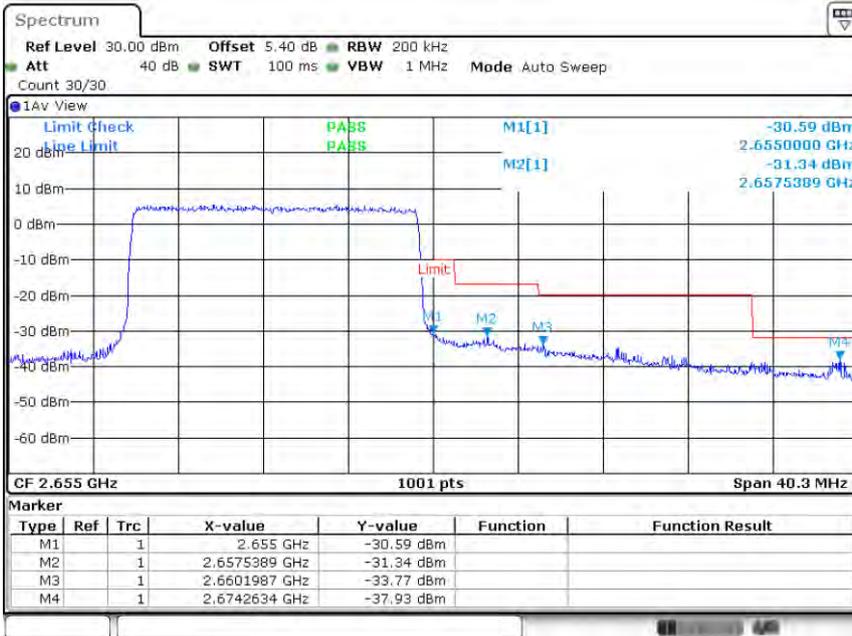


Date: 11.OCT.2020 20:13:27



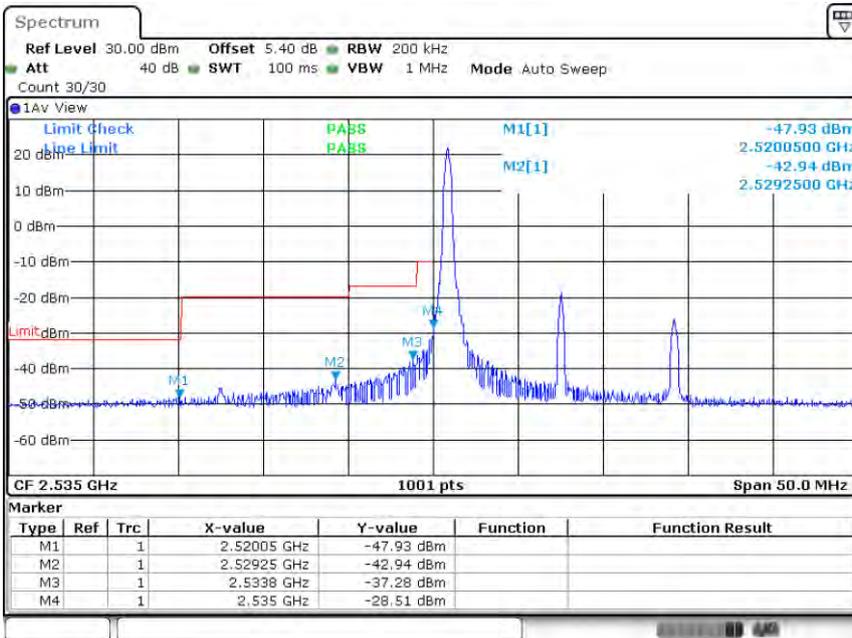
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**Band41-15MHz-16QAM-41165-75RB#0**



Date: 11.OCT.2020 20:14:05

**Band41-15MHz-64QAM-40115-1RB#0**

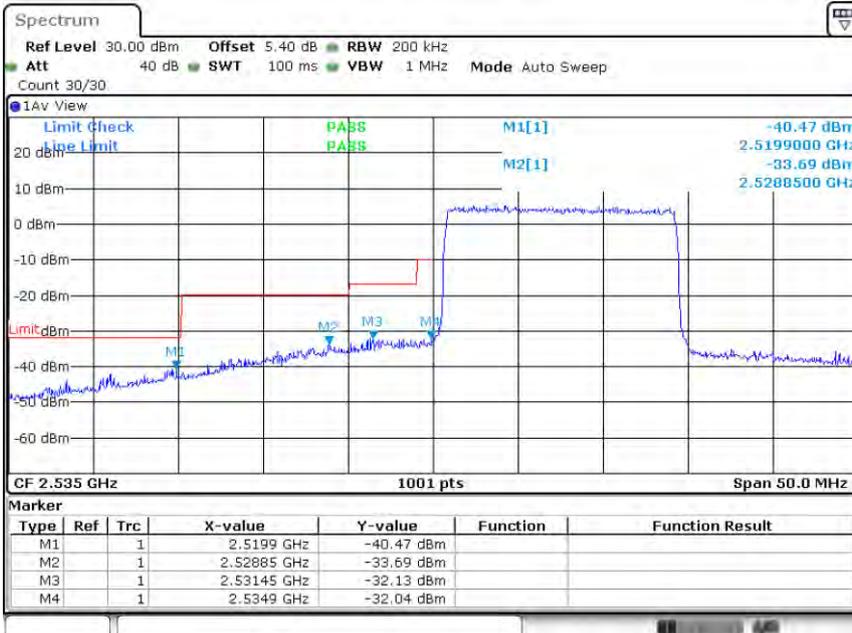


Date: 14.OCT.2020 12:19:33



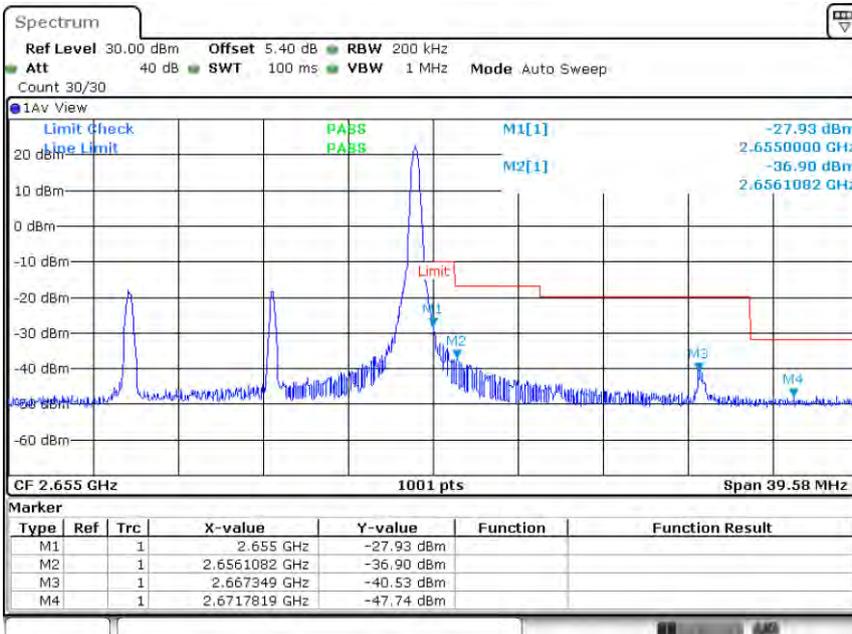
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**Band41-15MHz-64QAM-40115-75RB#0**



Date: 14.OCT.2020 12:19:52

**Band41-15MHz-64QAM-41165-1RB#74**

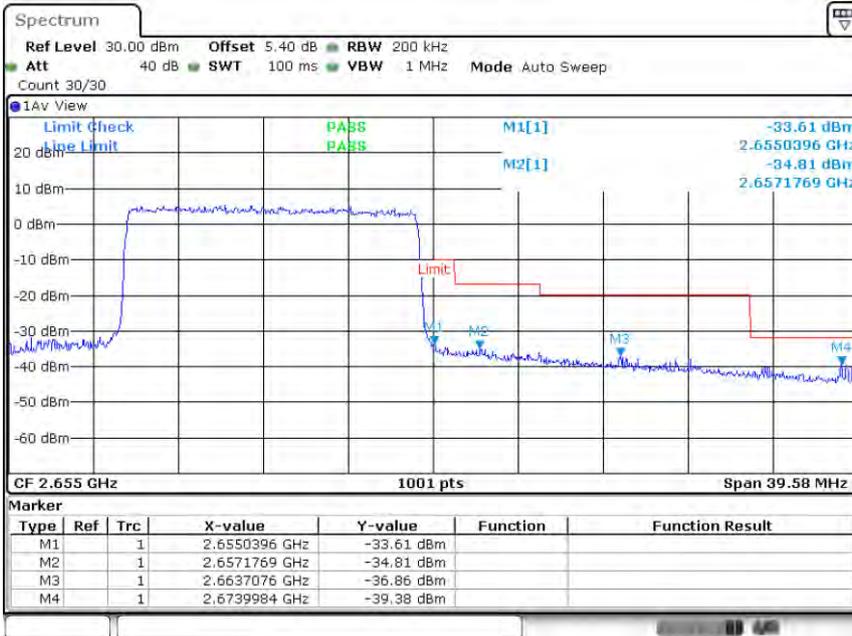


Date: 14.OCT.2020 12:20:19



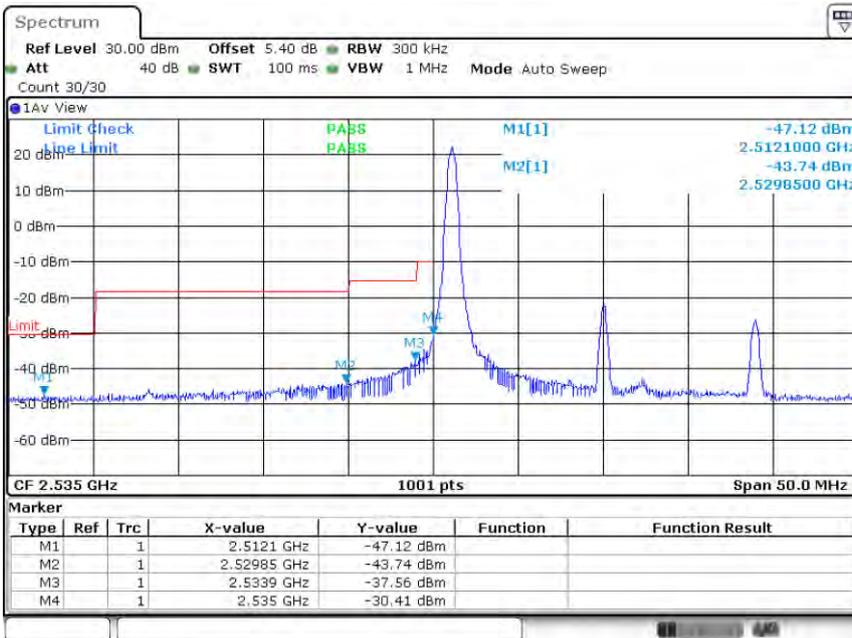
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**Band41-15MHz-64QAM-41165-75RB#0**



Date: 14.OCT.2020 12:20:38

**Band41-20MHz-QPSK-40140-1RB#0**

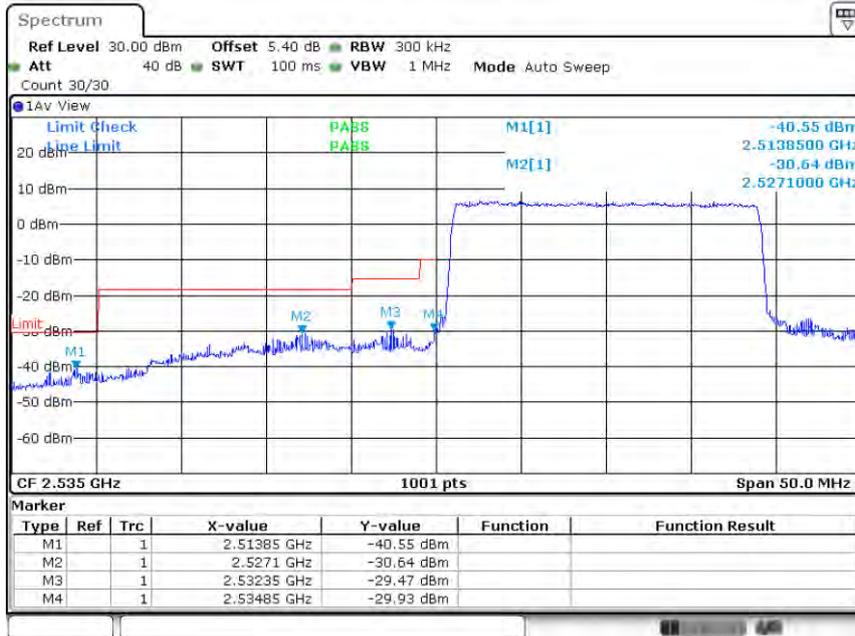


Date: 11.OCT.2020 20:14:32



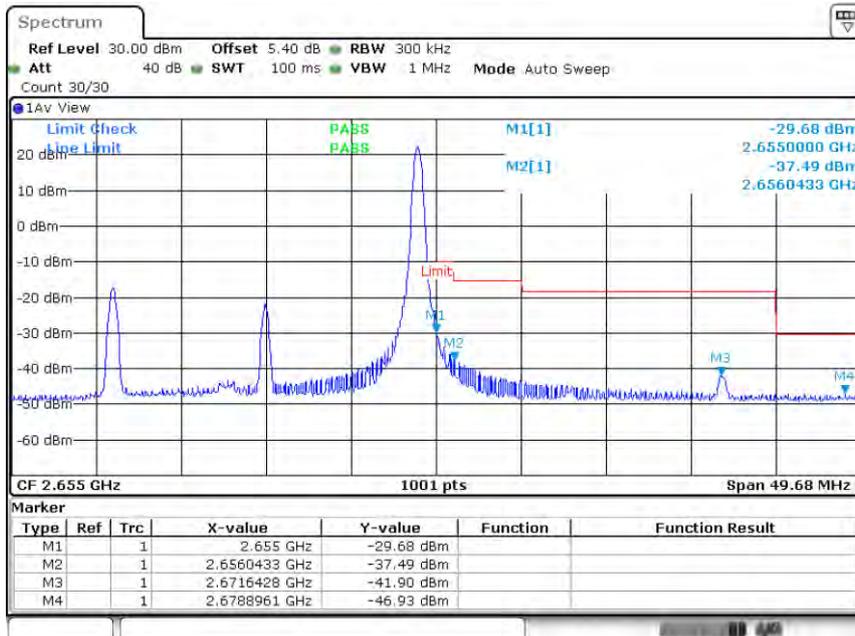
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**Band41-20MHz-QPSK-40140-100RB#0**



Date: 11.OCT.2020 20:15:10

**Band41-20MHz-QPSK-41140-1RB#99**

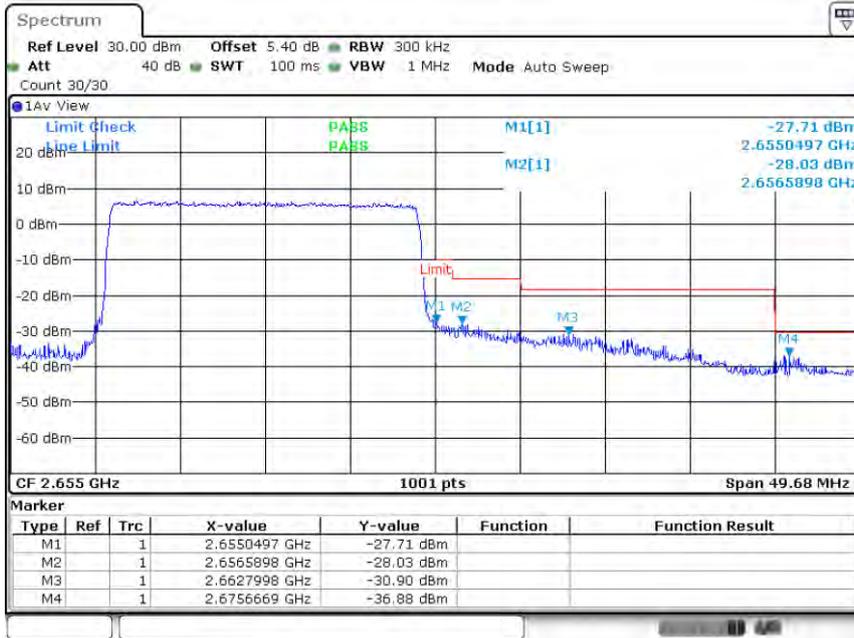


Date: 11.OCT.2020 20:15:56



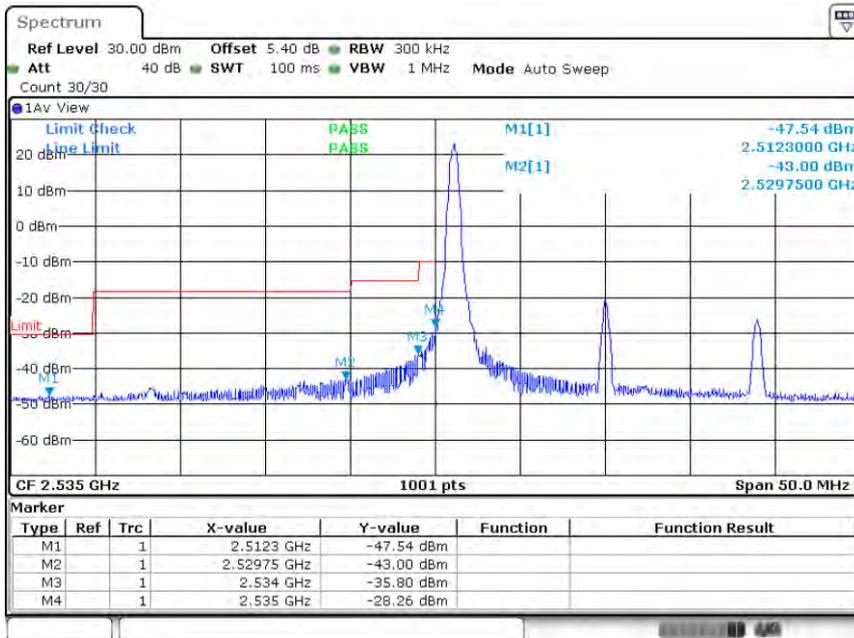
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**Band41-20MHz-QPSK-41140-100RB#0**



Date: 11.OCT.2020 20:16:34

**Band41-20MHz-16QAM-40140-1RB#0**

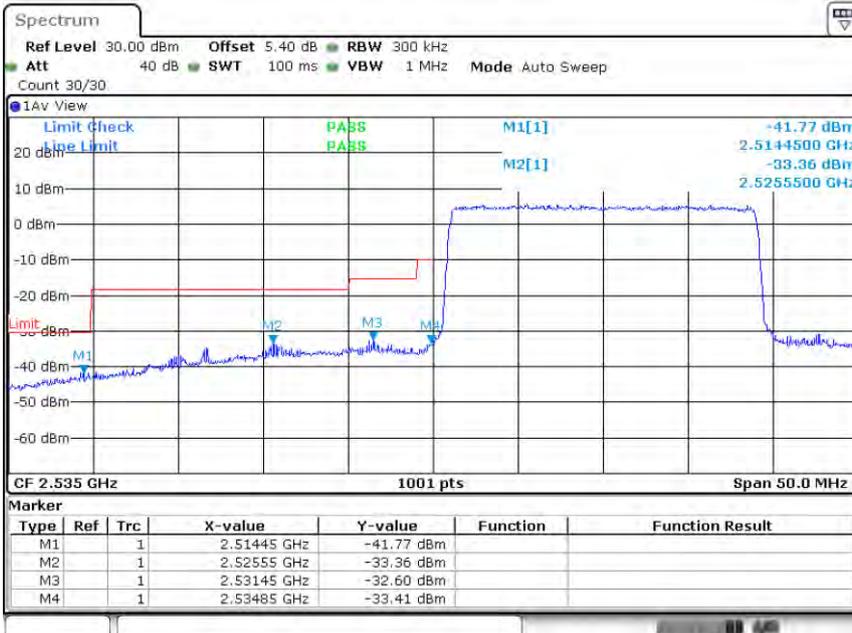


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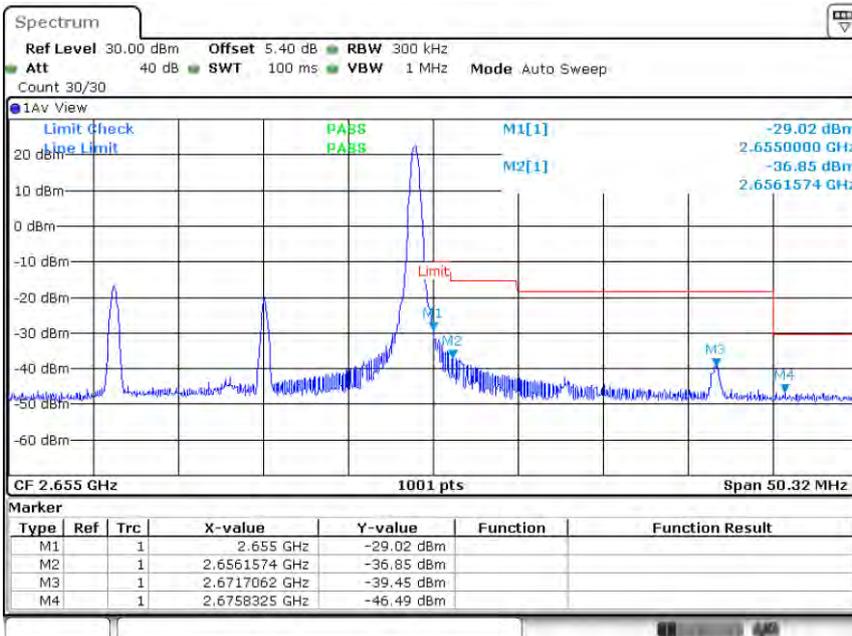
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**Band41-20MHz-16QAM-40140-100RB#0**



Date: 11.OCT.2020 20:15:29

**Band41-20MHz-16QAM-41140-1RB#99**



Date: 11.OCT.2020 20:16:15



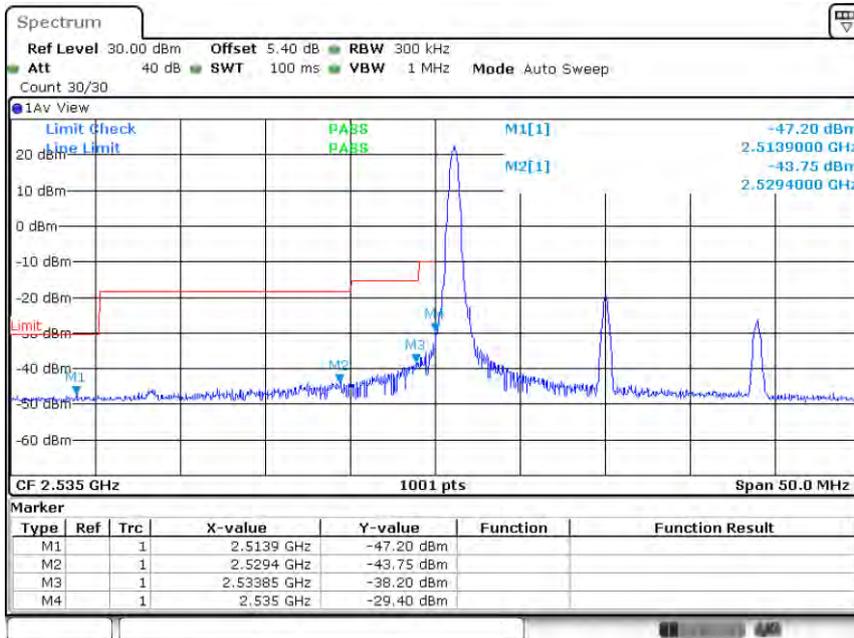
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**Band41-20MHz-16QAM-41140-100RB#0**



Date: 11.OCT.2020 20:16:53

**Band41-20MHz-64QAM-40140-1RB#0**

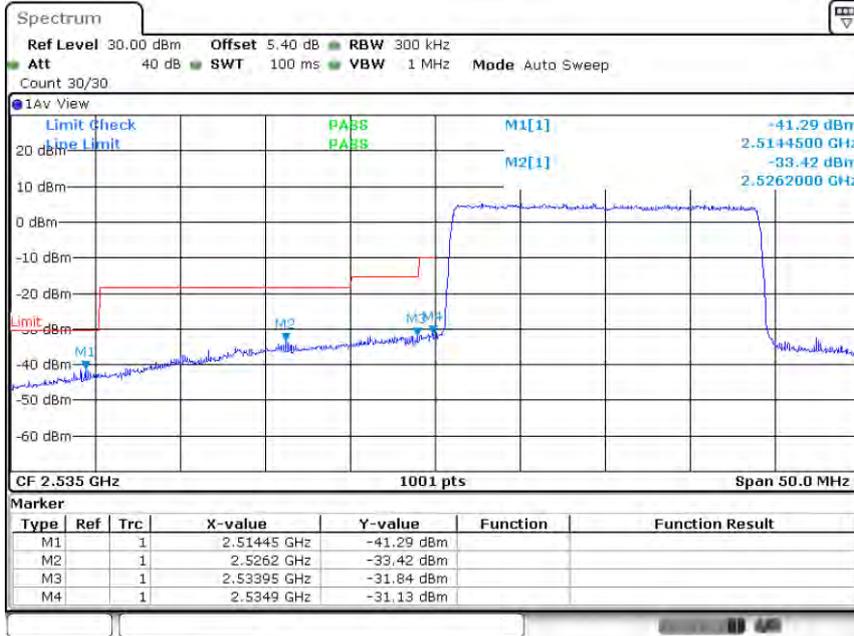


Date: 14.OCT.2020 12:21:07



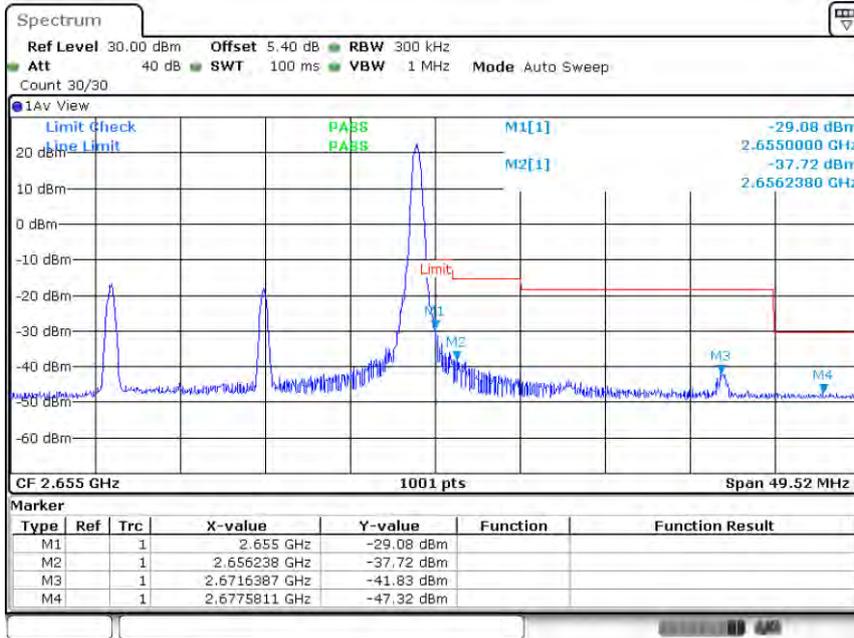
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**Band41-20MHz-64QAM-40140-100RB#0**



Date: 14.OCT.2020 12:21:26

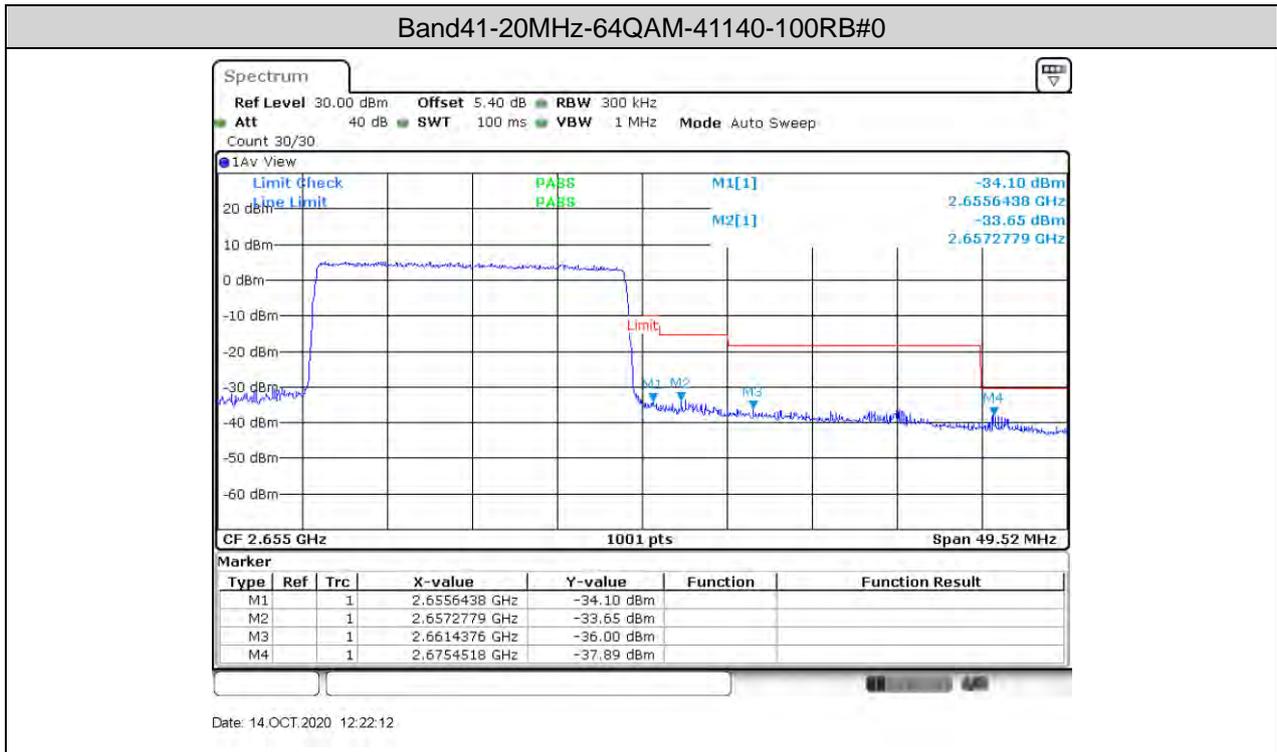
**Band41-20MHz-64QAM-41140-1RB#99**



Date: 14.OCT.2020 12:21:53



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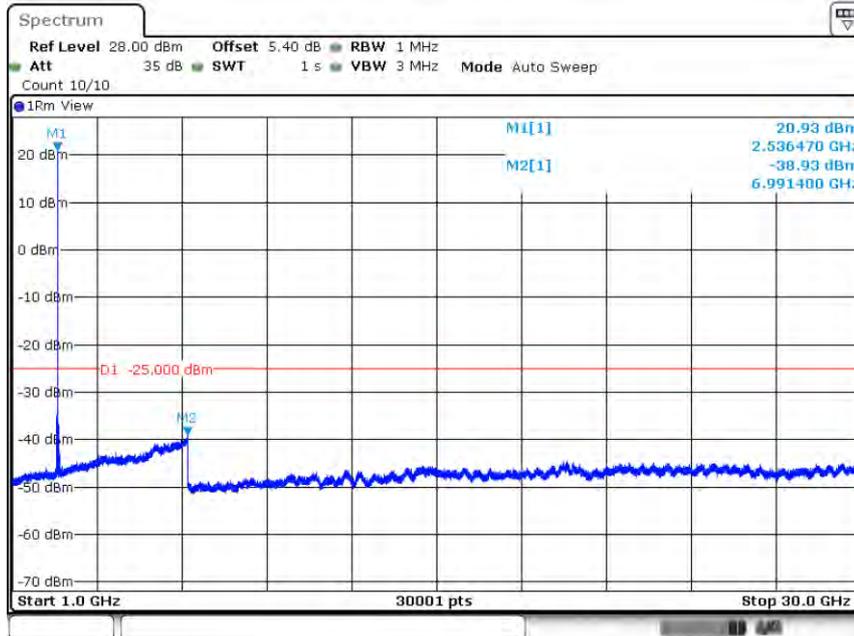


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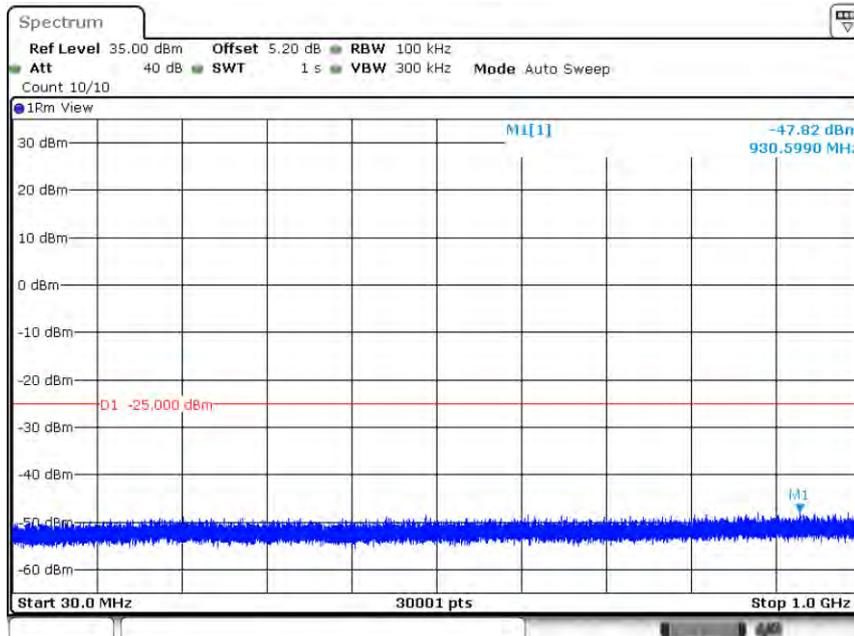


**Band41-20MHz-QPSK-40140-1RB#0-Range2:1000~30000MHz**



Date: 11.OCT.2020 20:17:37

**Band41-20MHz-QPSK-40640-1RB#0-Range1:30~1000MHz**

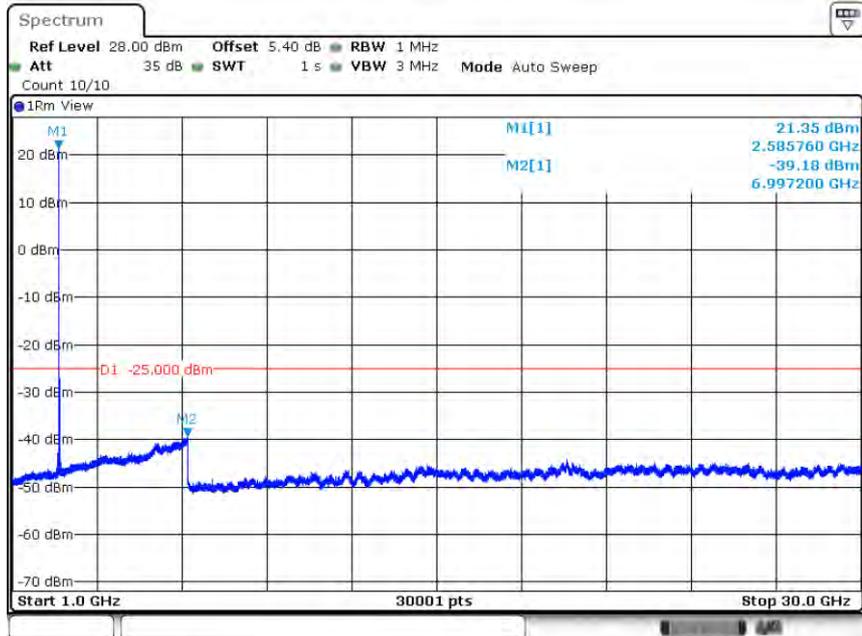


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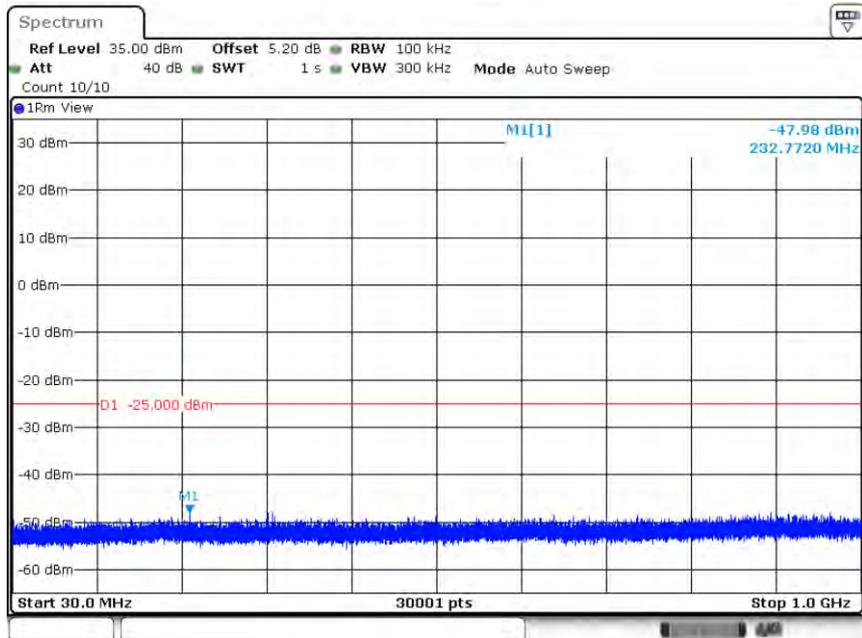
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**Band41-20MHz-QPSK-40640-1RB#0-Range2:1000~30000MHz**



Date: 11.OCT.2020 20:18:54

**Band41-20MHz-QPSK-41140-1RB#0-Range1:30~1000MHz**

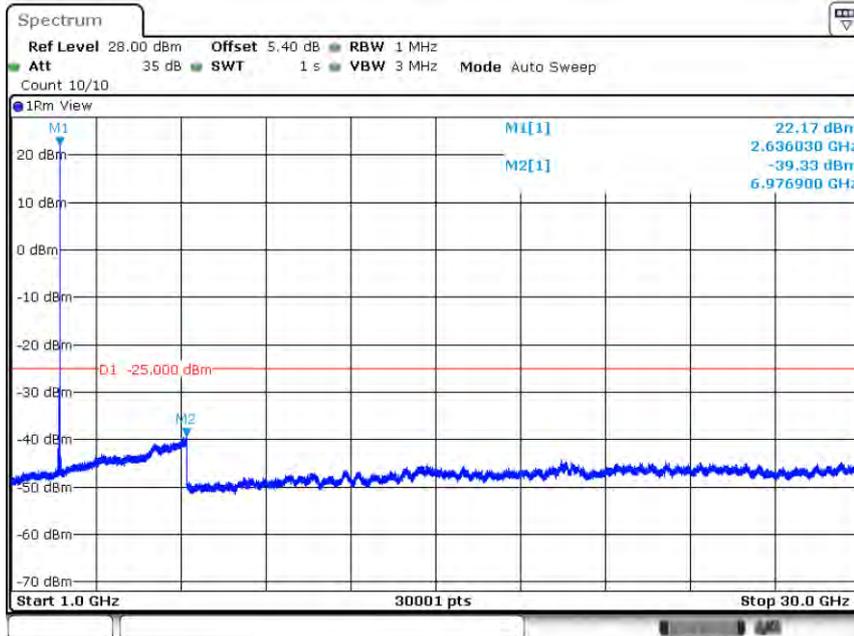


Date: 11.OCT.2020 20:19:55



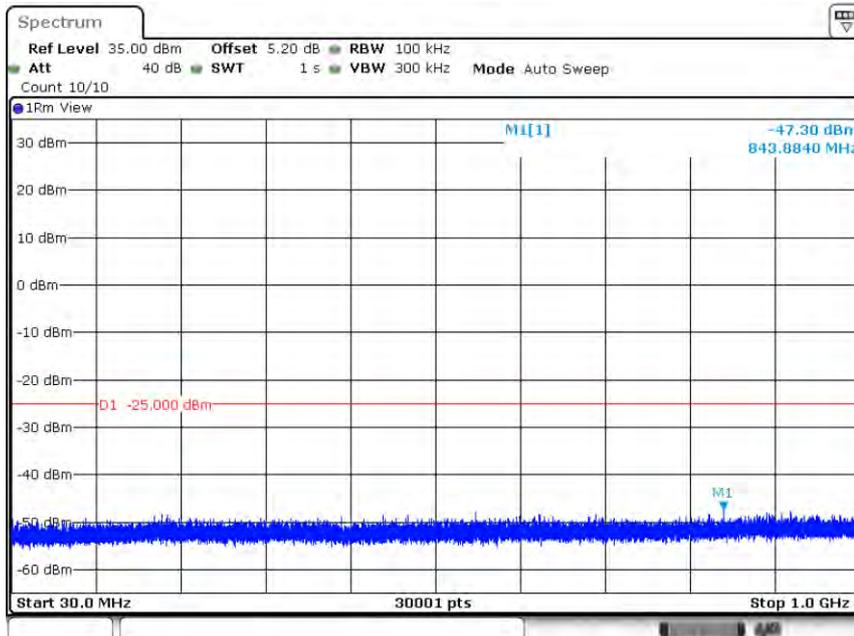
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**Band41-20MHz-QPSK-41140-1RB#0-Range2:1000~30000MHz**



Date: 11.OCT.2020 20:20:12

**Band41-20MHz-16QAM-40140-1RB#0-Range1:30~1000MHz**

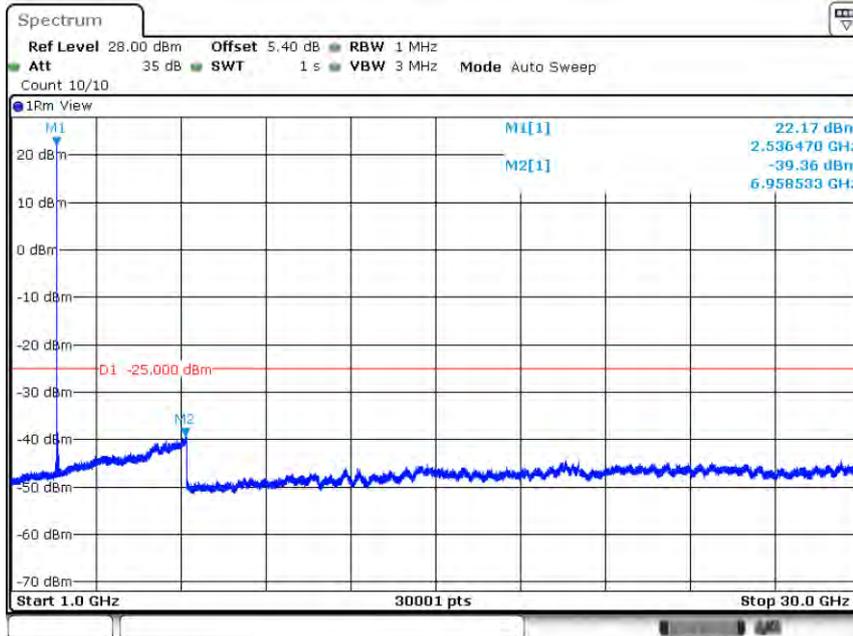


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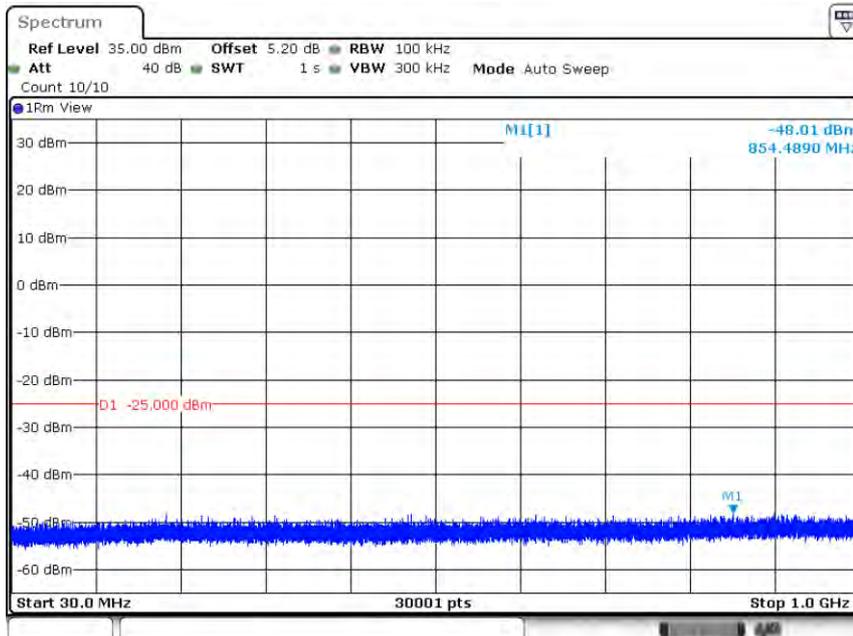
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**Band41-20MHz-16QAM-40140-1RB#0-Range2:1000~30000MHz**



Date: 11.OCT.2020 20:18:15

**Band41-20MHz-16QAM-40640-1RB#0-Range1:30~1000MHz**

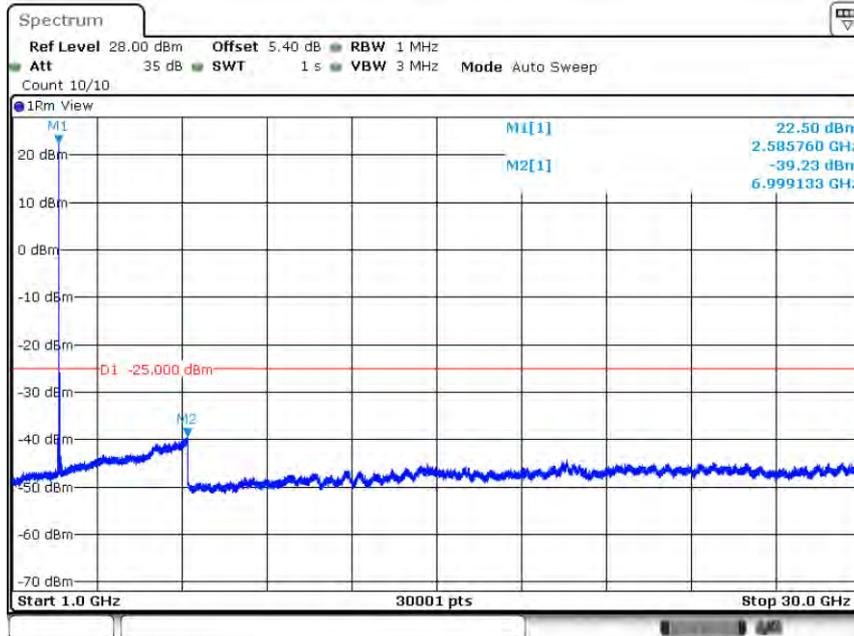


Date: 11.OCT.2020 20:19:16



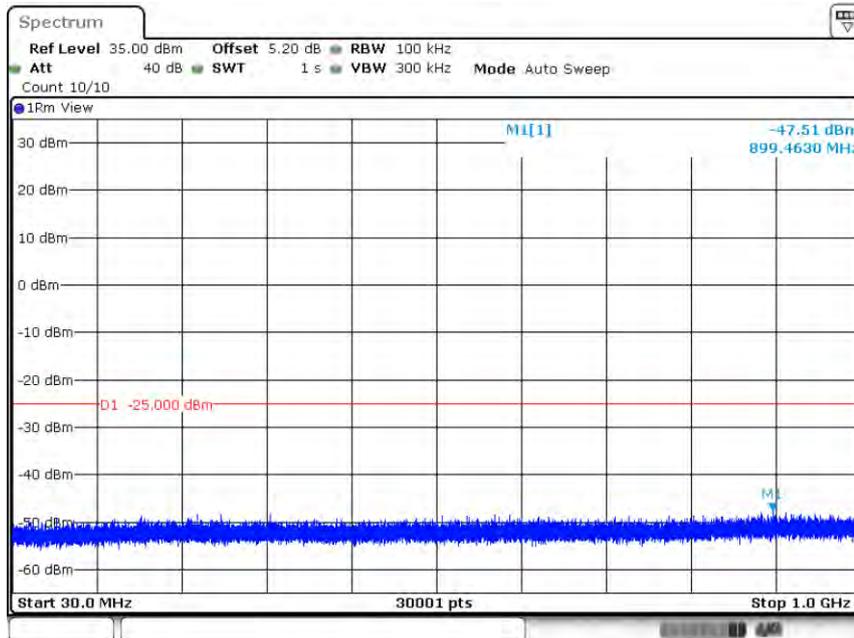
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**Band41-20MHz-16QAM-40640-1RB#0-Range2:1000~30000MHz**



Date: 11.OCT.2020 20:19:33

**Band41-20MHz-16QAM-41140-1RB#0-Range1:30~1000MHz**



Date: 11.OCT.2020 20:20:34

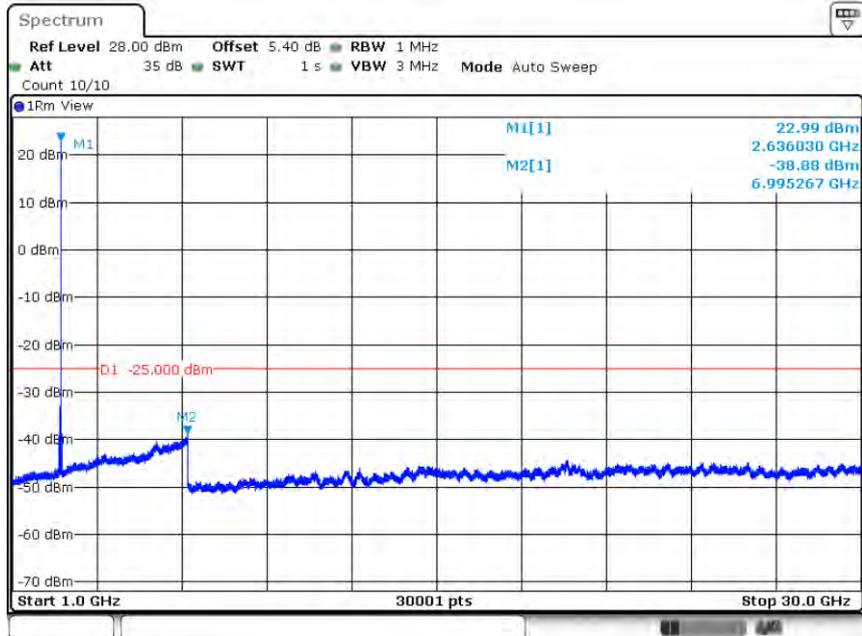


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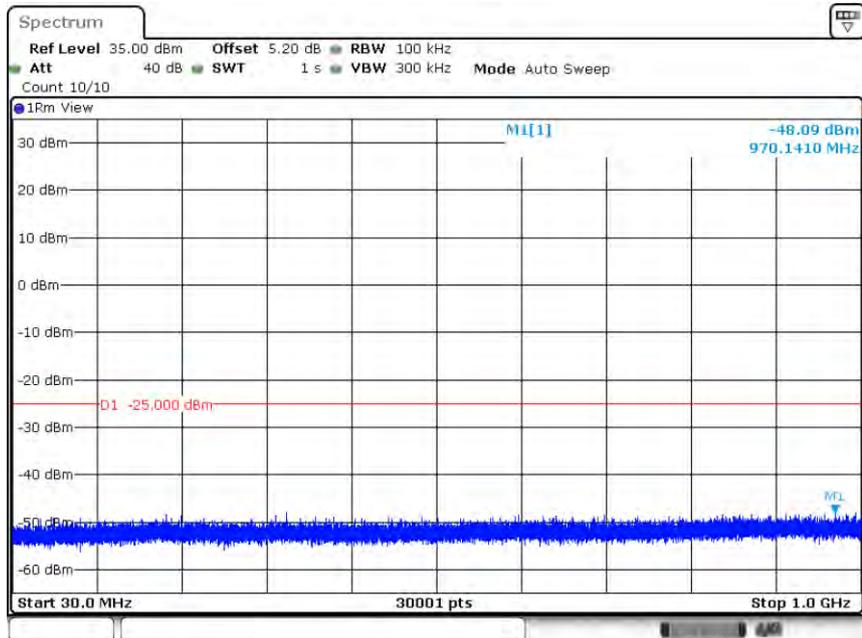
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**Band41-20MHz-16QAM-41140-1RB#0-Range2:1000~30000MHz**



Date: 11.OCT.2020 20:20:51

**Band41-20MHz-64QAM-40140-1RB#0-Range1:30~1000MHz**

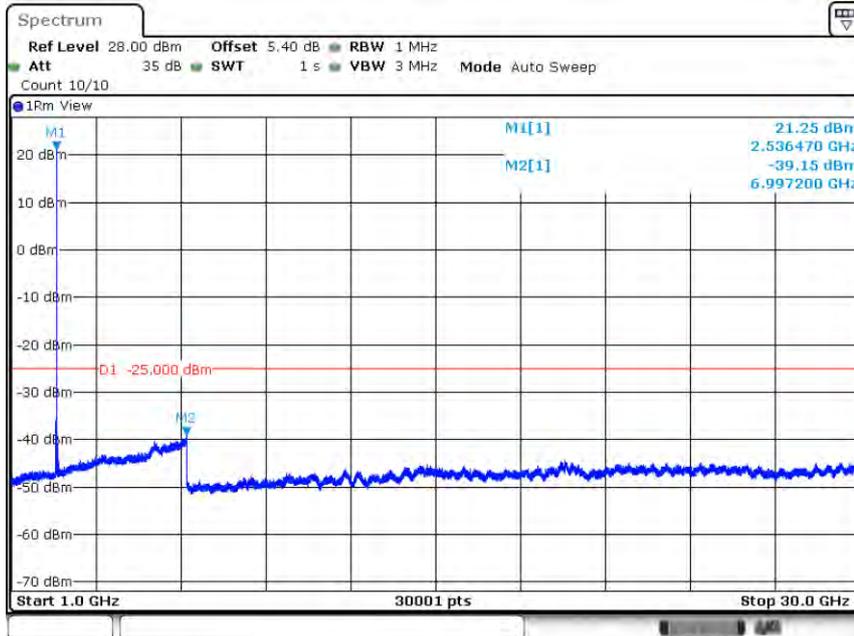


Date: 14.OCT.2020 12:22:39



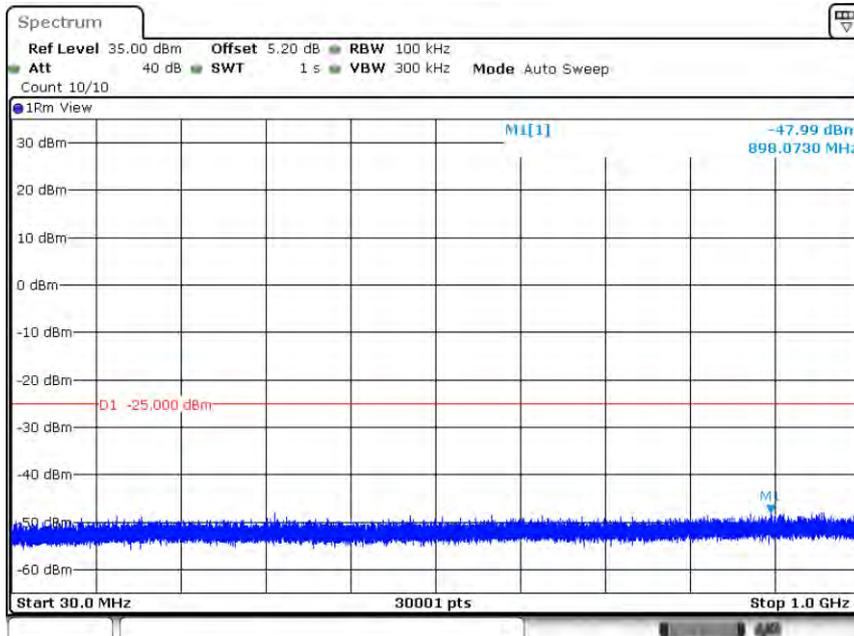
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**Band41-20MHz-64QAM-40140-1RB#0-Range2:1000~30000MHz**



Date: 14.OCT.2020 12:22:57

**Band41-20MHz-64QAM-40640-1RB#0-Range1:30~1000MHz**

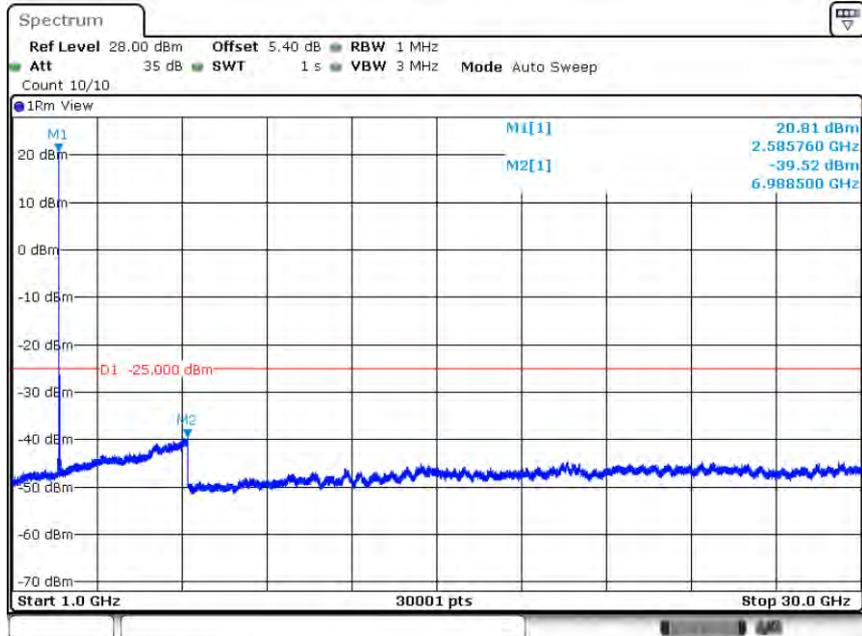


Date: 14.OCT.2020 12:23:19



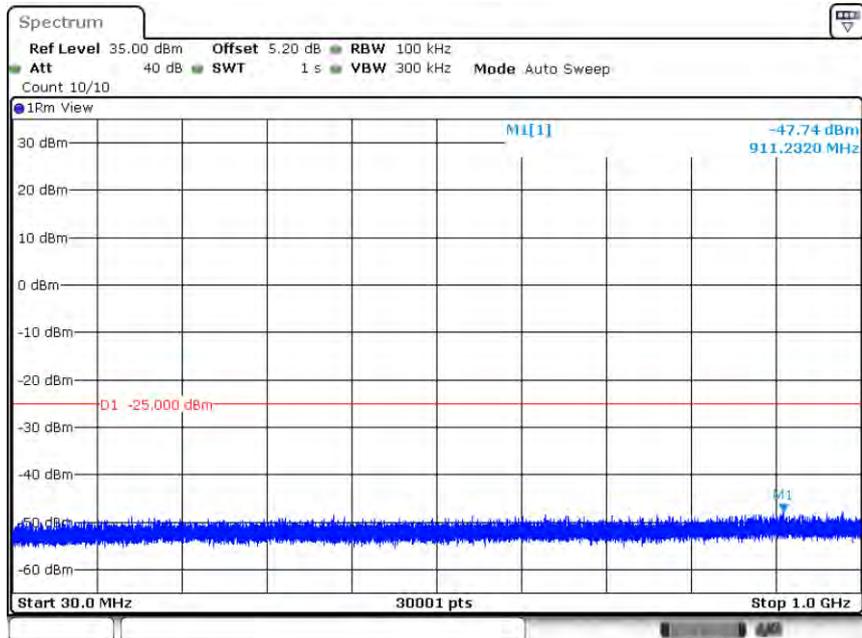
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**Band41-20MHz-64QAM-40640-1RB#0-Range2:1000~30000MHz**



Date: 14.OCT.2020 12:23:36

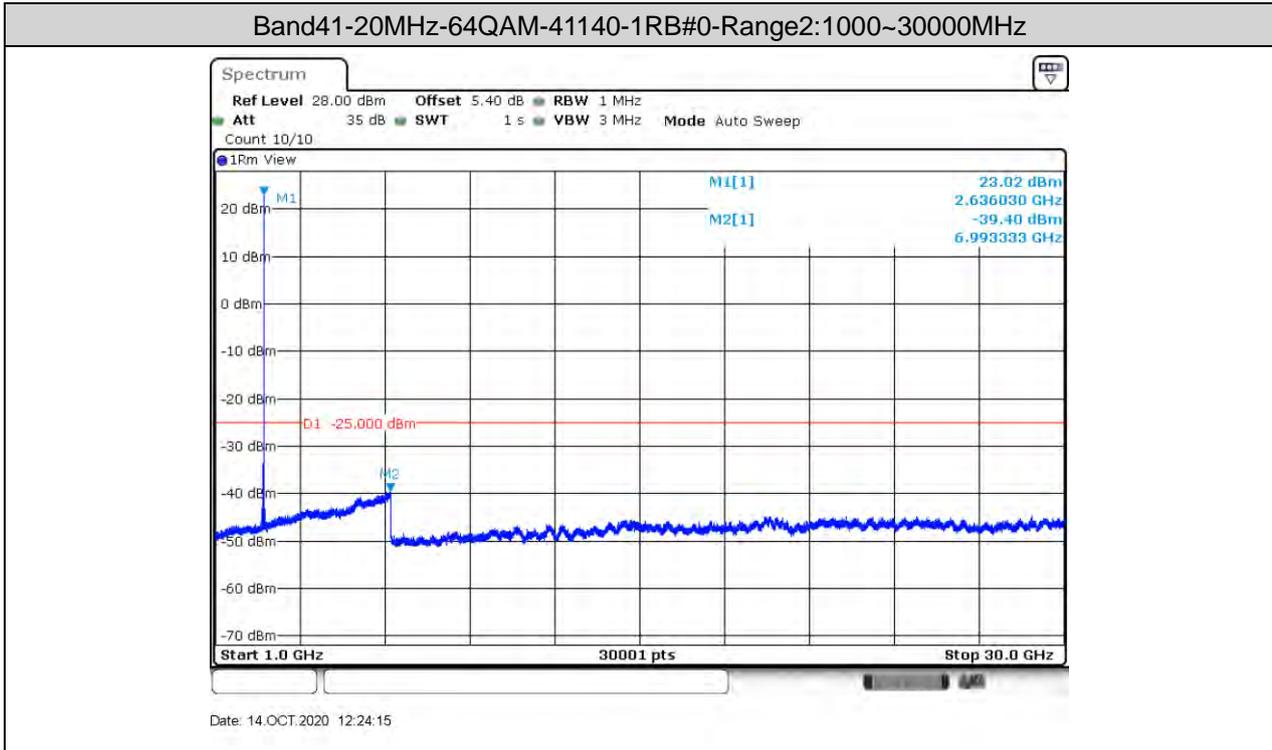
**Band41-20MHz-64QAM-41140-1RB#0-Range1:30~1000MHz**



Date: 14.OCT.2020 12:23:58



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## 7 Field Strength of Spurious Radiation

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

#### 7.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.0000	-75.43	-25.00	50.43	Vertical
109.6895	-64.56	-25.00	39.56	Vertical
626.7738	-63.81	-25.00	38.81	Vertical
3528.5176	-61.99	-25.00	36.99	Vertical
7408.1469	-56.24	-25.00	31.24	Vertical
17992.4998	-40.82	-25.00	15.82	Vertical
44.2112	-64.58	-25.00	39.58	Horizontal
101.3956	-76.33	-25.00	51.33	Horizontal
234.9712	-68.93	-25.00	43.93	Horizontal
5072.0691	-62.11	-25.00	37.11	Horizontal
7608.1536	-54.54	-25.00	29.54	Horizontal
16392.9464	-44.17	-25.00	19.17	Horizontal

#### 7.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.0970	-75.80	-25.00	50.80	Vertical
109.1075	-65.02	-25.00	40.02	Vertical
328.0959	-68.67	-25.00	43.67	Vertical
3633.5211	-61.99	-25.00	36.99	Vertical
7385.1462	-55.82	-25.00	30.82	Vertical
17997.4999	-40.75	-25.00	15.75	Vertical
43.1442	-63.09	-25.00	38.09	Horizontal
109.2530	-75.54	-25.00	50.54	Horizontal
248.6489	-69.43	-25.00	44.43	Horizontal
3645.0215	-60.98	-25.00	35.98	Horizontal
7377.6459	-56.72	-25.00	31.72	Horizontal
16398.4466	-43.93	-25.00	18.93	Horizontal



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### 7.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.5521	-75.77	-25.00	50.77	Vertical
109.6410	-65.28	-25.00	40.28	Vertical
298.8974	-68.58	-25.00	43.58	Vertical
5272.0757	-62.28	-25.00	37.28	Vertical
7388.1463	-56.10	-25.00	31.10	Vertical
17997.9999	-40.53	-25.00	15.53	Vertical
42.2226	-63.89	-25.00	38.89	Horizontal
110.9991	-75.91	-25.00	50.91	Horizontal
228.6174	-69.34	-25.00	44.34	Horizontal
5272.0757	-61.10	-25.00	36.10	Horizontal
9315.2105	-53.08	-25.00	28.08	Horizontal
16389.4463	-44.11	-25.00	19.11	Horizontal

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

#### 7.2.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.1641	-75.35	-25.00	50.35	Vertical
105.4213	-65.86	-25.00	40.86	Vertical
381.3516	-68.74	-25.00	43.74	Vertical
3619.0206	-62.10	-25.00	37.10	Vertical
7444.1481	-56.13	-25.00	31.13	Vertical
17999.0000	-40.32	-25.00	15.32	Vertical
42.9987	-64.50	-25.00	39.50	Horizontal
100.4740	-76.07	-25.00	51.07	Horizontal
238.6089	-68.96	-25.00	43.96	Horizontal
3621.0207	-61.13	-25.00	36.13	Horizontal
7458.6486	-56.73	-25.00	31.73	Horizontal
16393.9465	-44.15	-25.00	19.15	Horizontal



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### 7.2.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.1940	-76.12	-25.00	51.12	Vertical
112.5511	-64.90	-25.00	39.90	Vertical
625.8523	-64.07	-25.00	39.07	Vertical
3714.0238	-62.16	-25.00	37.16	Vertical
7482.6494	-56.15	-25.00	31.15	Vertical
17999.5000	-40.35	-25.00	15.35	Vertical
42.9987	-64.46	-25.00	39.46	Horizontal
101.6381	-76.18	-25.00	51.18	Horizontal
242.4891	-68.84	-25.00	43.84	Horizontal
3641.0214	-60.98	-25.00	35.98	Horizontal
7457.1486	-56.29	-25.00	31.29	Horizontal
16398.9466	-44.33	-25.00	19.33	Horizontal

### 7.2.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.7760	-74.96	-25.00	49.96	Vertical
109.4955	-65.50	-25.00	40.50	Vertical
371.6996	-68.68	-25.00	43.68	Vertical
3619.5207	-62.13	-25.00	37.13	Vertical
7374.1458	-56.64	-25.00	31.64	Vertical
17994.9998	-40.51	-25.00	15.51	Vertical
45.0843	-64.85	-25.00	39.85	Horizontal
108.4284	-75.71	-25.00	50.71	Horizontal
234.9712	-68.61	-25.00	43.61	Horizontal
3619.0206	-61.13	-25.00	36.13	Horizontal
7485.1495	-56.98	-25.00	31.98	Horizontal
16403.4468	-44.02	-25.00	19.02	Horizontal

Remark:

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



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## 8 Frequency Stability

### 8.1 Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band41	20MHz	QPSK	40140	100RB#0	VL	NT	-3.80	-0.001493	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	VN	NT	-9.00	-0.003536	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	VH	NT	-4.50	-0.001768	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	VL	NT	-8.90	-0.003430	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	VN	NT	-8.20	-0.003160	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	VH	NT	-6.50	-0.002505	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	VL	NT	-3.10	-0.001172	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	VN	NT	-1.70	-0.000643	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	VH	NT	-0.60	-0.000227	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	VL	NT	-5.90	-0.002318	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	VN	NT	-6.80	-0.002672	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	VH	NT	-4.80	-0.001886	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	VL	NT	-6.40	-0.002466	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	VN	NT	-8.00	-0.003083	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	VH	NT	-9.80	-0.003776	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	VL	NT	-3.00	-0.001134	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	VN	NT	-0.90	-0.000340	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	VH	NT	-1.80	-0.000681	±2.5	PASS
Band41	20MHz	64QAM	40140	100RB#0	VL	NT	-4.60	-0.001807	±2.5	PASS
Band41	20MHz	64QAM	40140	100RB#0	VN	NT	-3.50	-0.001375	±2.5	PASS
Band41	20MHz	64QAM	40140	100RB#0	VH	NT	-4.30	-0.001690	±2.5	PASS
Band41	20MHz	64QAM	40640	100RB#0	VL	NT	-13.30	-0.005125	±2.5	PASS
Band41	20MHz	64QAM	40640	100RB#0	VN	NT	-8.30	-0.003198	±2.5	PASS
Band41	20MHz	64QAM	40640	100RB#0	VH	NT	-7.90	-0.003044	±2.5	PASS
Band41	20MHz	64QAM	41140	100RB#0	VL	NT	-3.40	-0.001285	±2.5	PASS
Band41	20MHz	64QAM	41140	100RB#0	VN	NT	-2.60	-0.000983	±2.5	PASS
Band41	20MHz	64QAM	41140	100RB#0	VH	NT	-3.80	-0.001437	±2.5	PASS

### 8.2 Frequency Vs Temperature

Temperature
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Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	20MHz	QPSK	40140	100RB#0	NV	-30	-5.20	-0.002043	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	NV	-20	-4.90	-0.001925	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	NV	-10	-4.50	-0.001768	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	NV	0	-2.60	-0.001022	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	NV	10	-5.30	-0.002083	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	NV	20	-4.70	-0.001847	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	NV	30	-5.00	-0.001965	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	NV	40	-5.80	-0.002279	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	NV	50	-4.00	-0.001572	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	-30	-6.70	-0.002582	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	-20	-9.00	-0.003468	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	-10	-11.00	-0.004239	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	0	-10.40	-0.004008	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	10	-8.30	-0.003198	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	20	-10.10	-0.003892	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	30	-9.00	-0.003468	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	40	-9.40	-0.003622	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	50	-9.20	-0.003545	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	-30	-2.50	-0.000945	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	-20	-4.00	-0.001512	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	-10	-1.80	-0.000681	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	0	-4.90	-0.001853	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	10	2.10	0.000794	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	20	-2.70	-0.001021	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	30	-4.90	-0.001853	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	40	-3.10	-0.001172	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	50	-3.50	-0.001323	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	NV	-30	-9.20	-0.003615	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	NV	-20	-6.20	-0.002436	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	NV	-10	-6.70	-0.002633	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	NV	0	-2.30	-0.000904	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	NV	10	-5.30	-0.002083	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	NV	20	-2.80	-0.001100	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	NV	30	-4.70	-0.001847	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	NV	40	-4.00	-0.001572	±2.5	PASS



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Band41	20MHz	16QAM	40140	100RB#0	NV	50	-6.30	-0.002475	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	-30	-9.00	-0.003468	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	-20	-8.50	-0.003276	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	-10	-6.90	-0.002659	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	0	-7.20	-0.002775	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	10	-10.30	-0.003969	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	20	-9.10	-0.003507	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	30	-10.40	-0.004008	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	40	-9.30	-0.003584	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	50	-10.90	-0.004200	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	-30	-2.50	-0.000945	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	-20	-5.70	-0.002155	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	-10	-5.30	-0.002004	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	0	-4.10	-0.001550	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	10	-2.90	-0.001096	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	20	-1.30	-0.000491	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	30	-5.40	-0.002042	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	40	-3.90	-0.001474	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	50	-6.20	-0.002344	±2.5	PASS
Band41	20MHz	64QAM	40140	100RB#0	NV	-30	-4.90	-0.001925	±2.5	PASS
Band41	20MHz	64QAM	40140	100RB#0	NV	-20	-8.50	-0.003340	±2.5	PASS
Band41	20MHz	64QAM	40140	100RB#0	NV	-10	-6.30	-0.002475	±2.5	PASS
Band41	20MHz	64QAM	40140	100RB#0	NV	0	-6.80	-0.002672	±2.5	PASS
Band41	20MHz	64QAM	40140	100RB#0	NV	10	-7.40	-0.002908	±2.5	PASS
Band41	20MHz	64QAM	40140	100RB#0	NV	20	-6.00	-0.002358	±2.5	PASS
Band41	20MHz	64QAM	40140	100RB#0	NV	30	-4.00	-0.001572	±2.5	PASS
Band41	20MHz	64QAM	40140	100RB#0	NV	40	-5.90	-0.002318	±2.5	PASS
Band41	20MHz	64QAM	40140	100RB#0	NV	50	-3.20	-0.001257	±2.5	PASS
Band41	20MHz	64QAM	40640	100RB#0	NV	-30	-9.20	-0.003545	±2.5	PASS
Band41	20MHz	64QAM	40640	100RB#0	NV	-20	-10.00	-0.003854	±2.5	PASS
Band41	20MHz	64QAM	40640	100RB#0	NV	-10	-8.30	-0.003198	±2.5	PASS
Band41	20MHz	64QAM	40640	100RB#0	NV	0	-7.00	-0.002697	±2.5	PASS
Band41	20MHz	64QAM	40640	100RB#0	NV	10	-10.10	-0.003892	±2.5	PASS
Band41	20MHz	64QAM	40640	100RB#0	NV	20	-9.10	-0.003507	±2.5	PASS
Band41	20MHz	64QAM	40640	100RB#0	NV	30	-12.30	-0.004740	±2.5	PASS
Band41	20MHz	64QAM	40640	100RB#0	NV	40	-12.30	-0.004740	±2.5	PASS
Band41	20MHz	64QAM	40640	100RB#0	NV	50	-11.10	-0.004277	±2.5	PASS



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Band41	20MHz	64QAM	41140	100RB#0	NV	-30	-5.30	-0.002004	±2.5	PASS
Band41	20MHz	64QAM	41140	100RB#0	NV	-20	-2.50	-0.000945	±2.5	PASS
Band41	20MHz	64QAM	41140	100RB#0	NV	-10	-4.10	-0.001550	±2.5	PASS
Band41	20MHz	64QAM	41140	100RB#0	NV	0	-9.20	-0.003478	±2.5	PASS
Band41	20MHz	64QAM	41140	100RB#0	NV	10	-4.30	-0.001626	±2.5	PASS
Band41	20MHz	64QAM	41140	100RB#0	NV	20	-8.50	-0.003214	±2.5	PASS
Band41	20MHz	64QAM	41140	100RB#0	NV	30	-5.20	-0.001966	±2.5	PASS
Band41	20MHz	64QAM	41140	100RB#0	NV	40	-5.20	-0.001966	±2.5	PASS
Band41	20MHz	64QAM	41140	100RB#0	NV	50	-1.10	-0.000416	±2.5	PASS

The End



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