Appendix for Band 66

Product Name: Rugged Phone
Model No: CM17XA

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	22.63	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	22.80	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	22.60	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	22.64	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	22.69	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	22.66	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	21.65	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	22.32	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	22.47	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	22.33	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	22.42	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	22.39	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	22.38	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	21.36	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	21.62	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	21.79	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	21.64	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	21.65	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	21.66	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	21.65	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	20.65	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	21.83	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.06	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	21.83	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	21.82	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	21.82	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	21.79	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	20.66	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	21.68	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	21.88	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	21.63	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	21.39	PASS
Band66	1.4MHz	16QAM	132322	3RB#1	21.39	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	21.42	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	20.57	PASS

Band66	1.4MHz	16QAM	132665	1RB#0	20.84	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	21.05	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	20.84	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	20.68	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	20.68	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	20.66	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	20.68	PASS
Band66	3MHz	QPSK	131987	1RB#0	22.75	PASS
Band66	3MHz	QPSK	131987	1RB#8	22.76	PASS
Band66	3MHz	QPSK	131987	1RB#14	22.77	PASS
Band66	3MHz	QPSK	131987	8RB#0	21.73	PASS
Band66	3MHz	QPSK	131987	8RB#4	21.74	PASS
Band66	3MHz	QPSK	131987	8RB#7	21.73	PASS
Band66	3MHz	QPSK	131987	15RB#0	21.72	PASS
Band66	3MHz	QPSK	132322	1RB#0	22.47	PASS
Band66	3MHz	QPSK	132322	1RB#8	22.46	PASS
Band66	3MHz	QPSK	132322	1RB#14	22.44	PASS
Band66	3MHz	QPSK	132322	8RB#0	21.46	PASS
Band66	3MHz	QPSK	132322	8RB#4	21.50	PASS
Band66	3MHz	QPSK	132322	8RB#7	21.43	PASS
Band66	3MHz	QPSK	132322	15RB#0	21.40	PASS
Band66	3MHz	QPSK	132657	1RB#0	21.81	PASS
Band66	3MHz	QPSK	132657	1RB#8	21.79	PASS
Band66	3MHz	QPSK	132657	1RB#14	21.75	PASS
Band66	3MHz	QPSK	132657	8RB#0	20.76	PASS
Band66	3MHz	QPSK	132657	8RB#4	20.74	PASS
Band66	3MHz	QPSK	132657	8RB#7	20.72	PASS
Band66	3MHz	QPSK	132657	15RB#0	20.70	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.02	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.01	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.03	PASS
Band66	3MHz	16QAM	131987	8RB#0	20.80	PASS
Band66	3MHz	16QAM	131987	8RB#4	20.87	PASS
Band66	3MHz	16QAM	131987	8RB#7	20.82	PASS
Band66	3MHz	16QAM	131987	15RB#0	20.73	PASS
Band66	3MHz	16QAM	132322	1RB#0	21.83	PASS
Band66	3MHz	16QAM	132322	1RB#8	21.84	PASS
Band66	3MHz	16QAM	132322	1RB#14	21.81	PASS
Band66	3MHz	16QAM	132322	8RB#0	20.44	PASS
Band66	3MHz	16QAM	132322	8RB#4	20.41	PASS
Band66	3MHz	16QAM	132322	8RB#7	20.39	PASS
Band66	3MHz	16QAM	132322	15RB#0	20.39	PASS

Band66	3MHz	16QAM	132657	1RB#0	21.03	PASS
Band66	3MHz	16QAM	132657	1RB#8	20.99	PASS
Band66	3MHz	16QAM	132657	1RB#14	20.97	PASS
Band66	3MHz	16QAM	132657	8RB#0	20.62	PASS
Band66	3MHz	16QAM	132657	8RB#4	20.67	PASS
Band66	3MHz	16QAM	132657	8RB#7	20.57	PASS
Band66	3MHz	16QAM	132657	15RB#0	20.60	PASS
Band66	5MHz	QPSK	131997	1RB#0	22.78	PASS
Band66	5MHz	QPSK	131997	1RB#12	23.02	PASS
Band66	5MHz	QPSK	131997	1RB#24	22.75	PASS
Band66	5MHz	QPSK	131997	12RB#0	21.72	PASS
Band66	5MHz	QPSK	131997	12RB#6	21.73	PASS
Band66	5MHz	QPSK	131997	12RB#13	21.72	PASS
Band66	5MHz	QPSK	131997	25RB#0	21.76	PASS
Band66	5MHz	QPSK	132322	1RB#0	22.48	PASS
Band66	5MHz	QPSK	132322	1RB#12	22.76	PASS
Band66	5MHz	QPSK	132322	1RB#24	22.40	PASS
Band66	5MHz	QPSK	132322	12RB#0	21.48	PASS
Band66	5MHz	QPSK	132322	12RB#6	21.50	PASS
Band66	5MHz	QPSK	132322	12RB#13	21.39	PASS
Band66	5MHz	QPSK	132322	25RB#0	21.45	PASS
Band66	5MHz	QPSK	132647	1RB#0	21.71	PASS
Band66	5MHz	QPSK	132647	1RB#12	22.01	PASS
Band66	5MHz	QPSK	132647	1RB#24	21.72	PASS
Band66	5MHz	QPSK	132647	12RB#0	20.65	PASS
Band66	5MHz	QPSK	132647	12RB#6	20.72	PASS
Band66	5MHz	QPSK	132647	12RB#13	20.70	PASS
Band66	5MHz	QPSK	132647	25RB#0	20.68	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.01	PASS
Band66	5MHz	16QAM	131997	1RB#12	22.30	PASS
Band66	5MHz	16QAM	131997	1RB#24	21.98	PASS
Band66	5MHz	16QAM	131997	12RB#0	20.88	PASS
Band66	5MHz	16QAM	131997	12RB#6	20.91	PASS
Band66	5MHz	16QAM	131997	12RB#13	20.88	PASS
Band66	5MHz	16QAM	131997	25RB#0	20.78	PASS
Band66	5MHz	16QAM	132322	1RB#0	21.72	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.02	PASS
Band66	5MHz	16QAM	132322	1RB#24	21.59	PASS
Band66	5MHz	16QAM	132322	12RB#0	20.55	PASS
Band66	5MHz	16QAM	132322	12RB#6	20.52	PASS
Band66	5MHz	16QAM	132322	12RB#13	20.42	PASS
Band66	5MHz	16QAM	132322	25RB#0	20.43	PASS

Band66	5MHz	16QAM	132647	1RB#0	20.95	PASS
Band66	5MHz	16QAM	132647	1RB#12	21.19	PASS
Band66	5MHz	16QAM	132647	1RB#24	20.92	PASS
Band66	5MHz	16QAM	132647	12RB#0	30.73	PASS
Band66	5MHz	16QAM	132647	12RB#6	20.78	PASS
Band66	5MHz	16QAM	132647	12RB#13	20.77	PASS
Band66	5MHz	16QAM	132647	25RB#0	20.64	PASS
Band66	10MHz	QPSK	132022	1RB#0	22.80	PASS
Band66	10MHz	QPSK	132022	1RB#24	22.91	PASS
Band66	10MHz	QPSK	132022	1RB#49	22.73	PASS
Band66	10MHz	QPSK	132022	25RB#0	21.80	PASS
Band66	10MHz	QPSK	132022	25RB#12	21.77	PASS
Band66	10MHz	QPSK	132022	25RB#25	21.84	PASS
Band66	10MHz	QPSK	132022	50RB#0	21.81	PASS
Band66	10MHz	QPSK	132322	1RB#0	22.54	PASS
Band66	10MHz	QPSK	132322	1RB#24	22.64	PASS
Band66	10MHz	QPSK	132322	1RB#49	22.41	PASS
Band66	10MHz	QPSK	132322	25RB#0	21.64	PASS
Band66	10MHz	QPSK	132322	25RB#12	21.51	PASS
Band66	10MHz	QPSK	132322	25RB#25	21.42	PASS
Band66	10MHz	QPSK	132322	50RB#0	21.56	PASS
Band66	10MHz	QPSK	132622	1RB#0	21.97	PASS
Band66	10MHz	QPSK	132622	1RB#24	22.04	PASS
Band66	10MHz	QPSK	132622	1RB#49	21.77	PASS
Band66	10MHz	QPSK	132622	25RB#0	20.75	PASS
Band66	10MHz	QPSK	132622	25RB#12	20.77	PASS
Band66	10MHz	QPSK	132622	25RB#25	20.87	PASS
Band66	10MHz	QPSK	132622	50RB#0	20.78	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.05	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.20	PASS
Band66	10MHz	16QAM	132022	1RB#49	21.97	PASS
Band66	10MHz	16QAM	132022	25RB#0	20.84	PASS
Band66	10MHz	16QAM	132022	25RB#12	20.78	PASS
Band66	10MHz	16QAM	132022	25RB#25	20.89	PASS
Band66	10MHz	16QAM	132022	50RB#0	20.84	PASS
Band66	10MHz	16QAM	132322	1RB#0	21.90	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.00	PASS
Band66	10MHz	16QAM	132322	1RB#49	21.77	PASS
Band66	10MHz	16QAM	132322	25RB#0	20.68	PASS
Band66	10MHz	16QAM	132322	25RB#12	20.54	PASS
Band66	10MHz	16QAM	132322	25RB#25	20.45	PASS
Band66	10MHz	16QAM	132322	50RB#0	20.59	PASS

Band66	10MHz	16QAM	132622	1RB#0	21.15	PASS
Band66	10MHz	16QAM	132622	1RB#24	21.23	PASS
Band66	10MHz	16QAM	132622	1RB#49	21.02	PASS
Band66	10MHz	16QAM	132622	25RB#0	20.70	PASS
Band66	10MHz	16QAM	132622	25RB#12	20.72	PASS
Band66	10MHz	16QAM	132622	25RB#25	20.82	PASS
Band66	10MHz	16QAM	132622	50RB#0	20.74	PASS
Band66	15MHz	QPSK	132047	1RB#0	22.74	PASS
Band66	15MHz	QPSK	132047	1RB#38	22.81	PASS
Band66	15MHz	QPSK	132047	1RB#74	22.57	PASS
Band66	15MHz	QPSK	132047	38RB#0	21.80	PASS
Band66	15MHz	QPSK	132047	38RB#18	21.77	PASS
Band66	15MHz	QPSK	132047	38RB#37	21.82	PASS
Band66	15MHz	QPSK	132047	75RB#0	21.83	PASS
Band66	15MHz	QPSK	132322	1RB#0	22.53	PASS
Band66	15MHz	QPSK	132322	1RB#38	22.49	PASS
Band66	15MHz	QPSK	132322	1RB#74	22.30	PASS
Band66	15MHz	QPSK	132322	38RB#0	21.71	PASS
Band66	15MHz	QPSK	132322	38RB#18	21.55	PASS
Band66	15MHz	QPSK	132322	38RB#37	21.42	PASS
Band66	15MHz	QPSK	132322	75RB#0	21.59	PASS
Band66	15MHz	QPSK	132597	1RB#0	22.02	PASS
Band66	15MHz	QPSK	132597	1RB#38	21.88	PASS
Band66	15MHz	QPSK	132597	1RB#74	21.67	PASS
Band66	15MHz	QPSK	132597	38RB#0	20.92	PASS
Band66	15MHz	QPSK	132597	38RB#18	20.89	PASS
Band66	15MHz	QPSK	132597	38RB#37	20.90	PASS
Band66	15MHz	QPSK	132597	75RB#0	20.86	PASS
Band66	15MHz	16QAM	132047	1RB#0	22.02	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.07	PASS
Band66	15MHz	16QAM	132047	1RB#74	21.84	PASS
Band66	15MHz	16QAM	132047	38RB#0	20.82	PASS
Band66	15MHz	16QAM	132047	38RB#18	20.86	PASS
Band66	15MHz	16QAM	132047	38RB#37	20.87	PASS
Band66	15MHz	16QAM	132047	75RB#0	20.84	PASS
Band66	15MHz	16QAM	132322	1RB#0	21.81	PASS
Band66	15MHz	16QAM	132322	1RB#38	21.75	PASS
Band66	15MHz	16QAM	132322	1RB#74	21.52	PASS
Band66	15MHz	16QAM	132322	38RB#0	20.66	PASS
Band66	15MHz	16QAM	132322	38RB#18	20.54	PASS
Band66	15MHz	16QAM	132322	38RB#37	20.39	PASS
Band66	15MHz	16QAM	132322	75RB#0	20.57	PASS

Band66	15MHz	16QAM	132597	1RB#0	21.27	PASS
Band66	15MHz	16QAM	132597	1RB#38	21.12	PASS
Band66	15MHz	16QAM	132597	1RB#74	20.90	PASS
Band66	15MHz	16QAM	132597	38RB#0	20.89	PASS
Band66	15MHz	16QAM	132597	38RB#18	20.89	PASS
Band66	15MHz	16QAM	132597	38RB#37	20.92	PASS
Band66	15MHz	16QAM	132597	75RB#0	20.82	PASS
Band66	20MHz	QPSK	132072	1RB#0	22.66	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.03	PASS
Band66	20MHz	QPSK	132072	1RB#99	22.55	PASS
Band66	20MHz	QPSK	132072	50RB#0	21.69	PASS
Band66	20MHz	QPSK	132072	50RB#25	21.73	PASS
Band66	20MHz	QPSK	132072	50RB#50	21.83	PASS
Band66	20MHz	QPSK	132072	100RB#0	21.81	PASS
Band66	20MHz	QPSK	132322	1RB#0	22.43	PASS
Band66	20MHz	QPSK	132322	1RB#49	22.71	PASS
Band66	20MHz	QPSK	132322	1RB#99	22.14	PASS
Band66	20MHz	QPSK	132322	50RB#0	21.80	PASS
Band66	20MHz	QPSK	132322	50RB#25	21.60	PASS
Band66	20MHz	QPSK	132322	50RB#50	21.32	PASS
Band66	20MHz	QPSK	132322	100RB#0	21.56	PASS
Band66	20MHz	QPSK	132572	1RB#0	21.86	PASS
Band66	20MHz	QPSK	132572	1RB#49	22.05	PASS
Band66	20MHz	QPSK	132572	1RB#99	21.42	PASS
Band66	20MHz	QPSK	132572	50RB#0	20.97	PASS
Band66	20MHz	QPSK	132572	50RB#25	20.95	PASS
Band66	20MHz	QPSK	132572	50RB#50	20.90	PASS
Band66	20MHz	QPSK	132572	100RB#0	20.95	PASS
Band66	20MHz	16QAM	132072	1RB#0	21.84	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.18	PASS
Band66	20MHz	16QAM	132072	1RB#99	21.66	PASS
Band66	20MHz	16QAM	132072	50RB#0	20.72	PASS
Band66	20MHz	16QAM	132072	50RB#25	20.71	PASS
Band66	20MHz	16QAM	132072	50RB#50	20.74	PASS
Band66	20MHz	16QAM	132072	100RB#0	20.74	PASS
Band66	20MHz	16QAM	132322	1RB#0	21.77	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.03	PASS
Band66	20MHz	16QAM	132322	1RB#99	21.47	PASS
Band66	20MHz	16QAM	132322	50RB#0	20.84	PASS
Band66	20MHz	16QAM	132322	50RB#25	20.62	PASS
Band66	20MHz	16QAM	132322	50RB#50	20.31	PASS
Band66	20MHz	16QAM	132322	100RB#0	20.54	PASS

Band66	20MHz	16QAM	132572	1RB#0	21.17	PASS
Band66	20MHz	16QAM	132572	1RB#49	21.33	PASS
Band66	20MHz	16QAM	132572	1RB#99	20.69	PASS
Band66	20MHz	16QAM	132572	50RB#0	20.94	PASS
Band66	20MHz	16QAM	132572	50RB#25	20.92	PASS
Band66	20MHz	16QAM	132572	50RB#50	20.88	PASS
Band66	20MHz	16QAM	132572	100RB#0	20.88	PASS

Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	5.29	13	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	5.59	13	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	4.72	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	5.19	13	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	5.02	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	5.36	13	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	6.33	13	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	6.45	13	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	5.70	13	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	6.14	13	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	6.07	13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	6.29	13	PASS
Band66	3MHz	QPSK	131987	1RB#0	5.20	13	PASS
Band66	3MHz	QPSK	131987	15RB#0	5.64	13	PASS
Band66	3MHz	QPSK	132322	1RB#0	4.58	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	5.19	13	PASS
Band66	3MHz	QPSK	132657	1RB#0	4.91	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	5.42	13	PASS
Band66	3MHz	16QAM	131987	1RB#0	6.09	13	PASS
Band66	3MHz	16QAM	131987	15RB#0	6.42	13	PASS
Band66	3MHz	16QAM	132322	1RB#0	5.57	13	PASS
Band66	3MHz	16QAM	132322	15RB#0	6.12	13	PASS
Band66	3MHz	16QAM	132657	1RB#0	6.05	13	PASS
Band66	3MHz	16QAM	132657	15RB#0	6.23	13	PASS
Band66	5MHz	QPSK	131997	1RB#0	5.41	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	5.76	13	PASS
Band66	5MHz	QPSK	132322	1RB#0	4.53	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	5.38	13	PASS
Band66	5MHz	QPSK	132647	1RB#0	5.72	13	PASS
Band66	5MHz	QPSK	132647	25RB#0	5.44	13	PASS
Band66	5MHz	16QAM	131997	1RB#0	6.45	13	PASS
Band66	5MHz	16QAM	131997	25RB#0	6.53	13	PASS
Band66	5MHz	16QAM	132322	1RB#0	5.42	13	PASS
Band66	5MHz	16QAM	132322	25RB#0	6.13	13	PASS
Band66	5MHz	16QAM	132647	1RB#0	6.31	13	PASS

Band66	5MHz	16QAM	132647	25RB#0	6.10	13	PASS
Band66	10MHz	QPSK	132022	1RB#0	5.31	13	PASS
Band66	10MHz	QPSK	132022	50RB#0	5.74	13	PASS
Band66	10MHz	QPSK	132322	1RB#0	4.60	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	5.52	13	PASS
Band66	10MHz	QPSK	132622	1RB#0	5.20	13	PASS
Band66	10MHz	QPSK	132622	50RB#0	5.60	13	PASS
Band66	10MHz	16QAM	132022	1RB#0	6.38	13	PASS
Band66	10MHz	16QAM	132022	50RB#0	6.51	13	PASS
Band66	10MHz	16QAM	132322	1RB#0	5.52	13	PASS
Band66	10MHz	16QAM	132322	50RB#0	6.25	13	PASS
Band66	10MHz	16QAM	132622	1RB#0	6.19	13	PASS
Band66	10MHz	16QAM	132622	50RB#0	6.28	13	PASS
Band66	15MHz	QPSK	132047	1RB#0	5.40	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	5.53	13	PASS
Band66	15MHz	QPSK	132322	1RB#0	4.63	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	5.32	13	PASS
Band66	15MHz	QPSK	132597	1RB#0	5.62	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	5.48	13	PASS
Band66	15MHz	16QAM	132047	1RB#0	6.45	13	PASS
Band66	15MHz	16QAM	132047	75RB#0	6.27	13	PASS
Band66	15MHz	16QAM	132322	1RB#0	5.72	13	PASS
Band66	15MHz	16QAM	132322	75RB#0	6.12	13	PASS
Band66	15MHz	16QAM	132597	1RB#0	6.67	13	PASS
Band66	15MHz	16QAM	132597	75RB#0	6.19	13	PASS
Band66	20MHz	QPSK	132072	1RB#0	7.29	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.44	13	PASS
Band66	20MHz	QPSK	132322	1RB#0	8.02	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.32	13	PASS
Band66	20MHz	QPSK	132572	1RB#0	7.66	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.44	13	PASS
Band66	20MHz	16QAM	132072	1RB#0	7.50	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.48	13	PASS
Band66	20MHz	16QAM	132322	1RB#0	8.43	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.48	13	PASS
Band66	20MHz	16QAM	132572	1RB#0	7.72	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.39	13	PASS

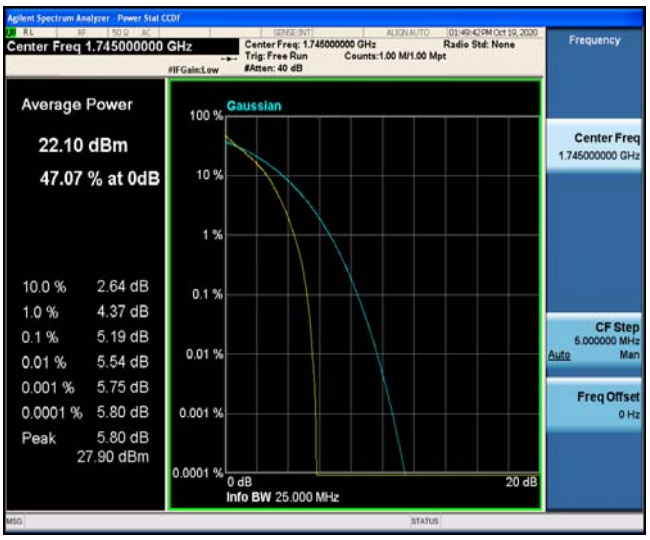
Test Graphs

Band66_1.4MHz_QPSK_131979_1RB#0

Band66_1.4MHz_QPSK_131979_6RB#0

Band66_1.4MHz_QPSK_132322_1RB#0

Band66_1.4MHz_QPSK_132322_6RB#0

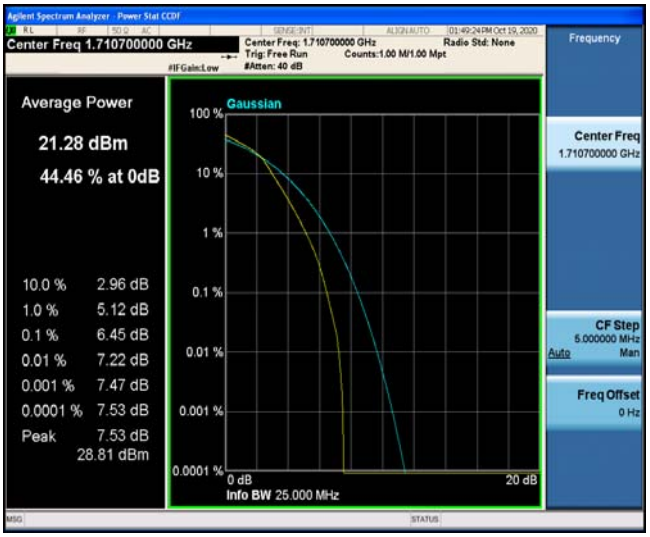


Band66_1.4MHz_QPSK_132665_1RB#0

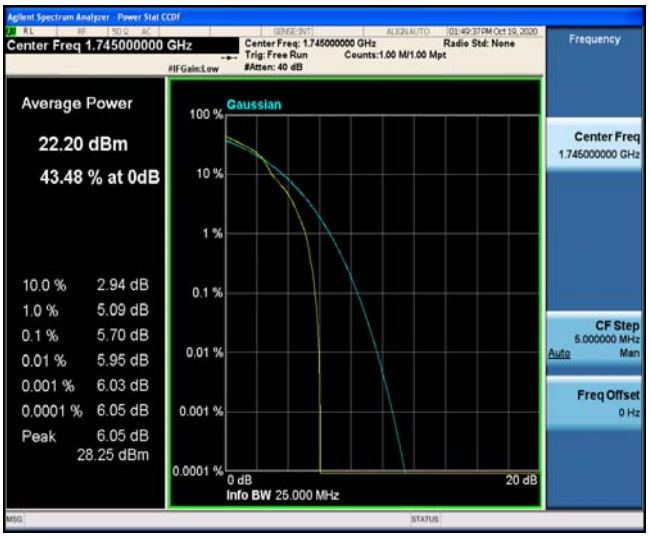
Band66_1.4MHz_QPSK_132665_6RB#0

Band66_1.4MHz_16QAM_131979_1RB#0

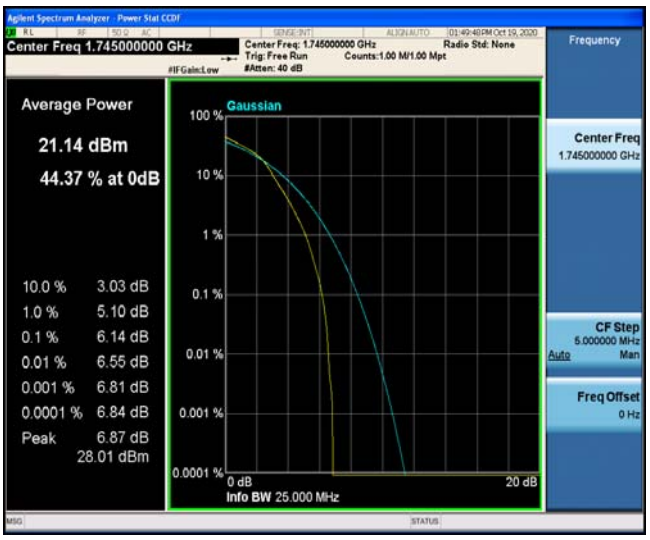
Band66_1.4MHz_16QAM_131979_6RB#0



Band66_1.4MHz_16QAM_132322_1RB#0



Band66_1.4MHz_16QAM_132322_6RB#0



Band66_1.4MHz_16QAM_132665_1RB#0

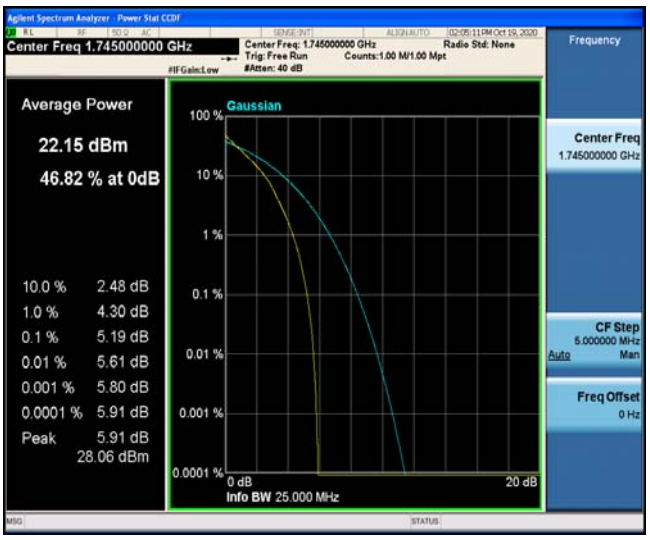
Band66_1.4MHz_16QAM_132665_6RB#0

Band66_3MHz_QPSK_131987_1RB#0

Band66_3MHz_QPSK_131987_15RB#0

Band66_3MHz_QPSK_132322_1RB#0

Band66_3MHz_QPSK_132322_15RB#0



Band66_3MHz_QPSK_132657_1RB#0

Band66_3MHz_QPSK_132657_15RB#0

Band66_3MHz_16QAM_131987_1RB#0

Band66_3MHz_16QAM_131987_15RB#0

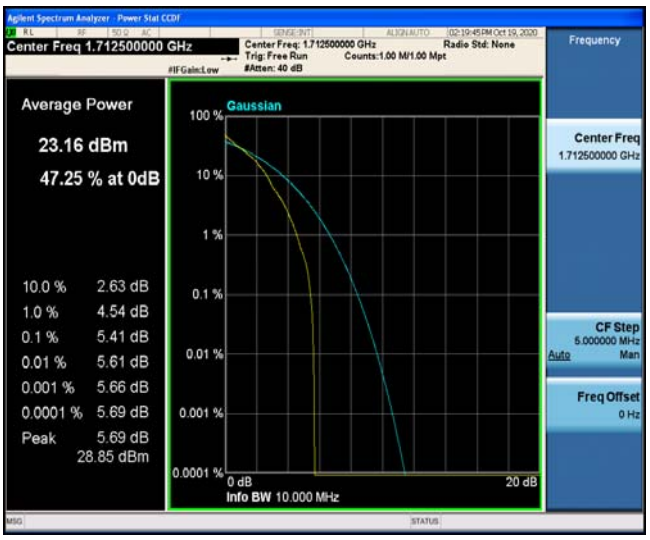
Band66_3MHz_16QAM_132322_1RB#0

Band66_3MHz_16QAM_132322_15RB#0

Band66_3MHz_16QAM_132657_1RB#0

Band66_3MHz_16QAM_132657_15RB#0

Band66_5MHz_QPSK_131997_1RB#0



Band66_5MHz_QPSK_131997_25RB#0

Band66_5MHz_QPSK_132322_1RB#0

Band66_5MHz_QPSK_132322_25RB#0

Band66_5MHz_QPSK_132647_1RB#0

Band66_5MHz_QPSK_132647_25RB#0

Band66_5MHz_16QAM_131997_1RB#0

Band66_5MHz_16QAM_131997_25RB#0

Band66_5MHz_16QAM_132322_1RB#0

Band66_5MHz_16QAM_132322_25RB#0

Band66_5MHz_16QAM_132647_1RB#0

Band66_5MHz_16QAM_132647_25RB#0

Band66_10MHz_QPSK_132022_1RB#0

Band66_10MHz_QPSK_132022_50RB#0

Band66_10MHz_QPSK_132322_1RB#0

Band66_10MHz_QPSK_132322_50RB#0

Band66_10MHz_QPSK_132622_1RB#0

Band66_10MHz_QPSK_132622_50RB#0

Band66_10MHz_16QAM_132022_1RB#0

Band66_10MHz_16QAM_132022_50RB#0

Band66_10MHz_16QAM_132322_1RB#0

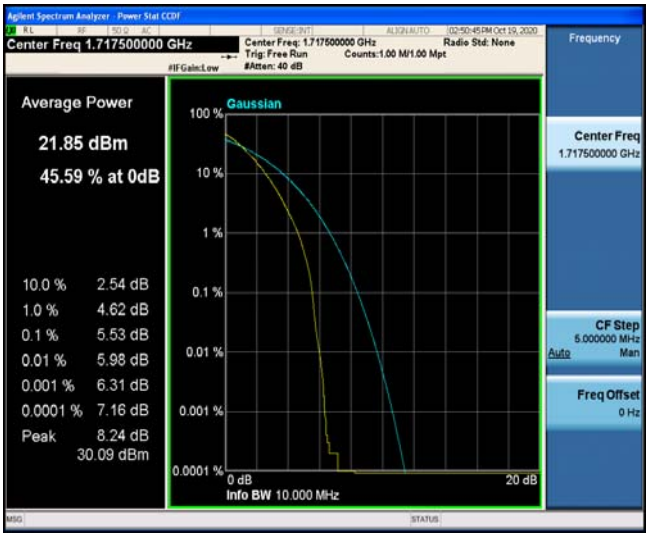
Band66_10MHz_16QAM_132322_50RB#0

Band66_10MHz_16QAM_132622_1RB#0

Band66_10MHz_16QAM_132622_50RB#0

Band66_15MHz_QPSK_132047_1RB#0

Band66_15MHz_QPSK_132047_75RB#0



Band66_15MHz_QPSK_132322_1RB#0

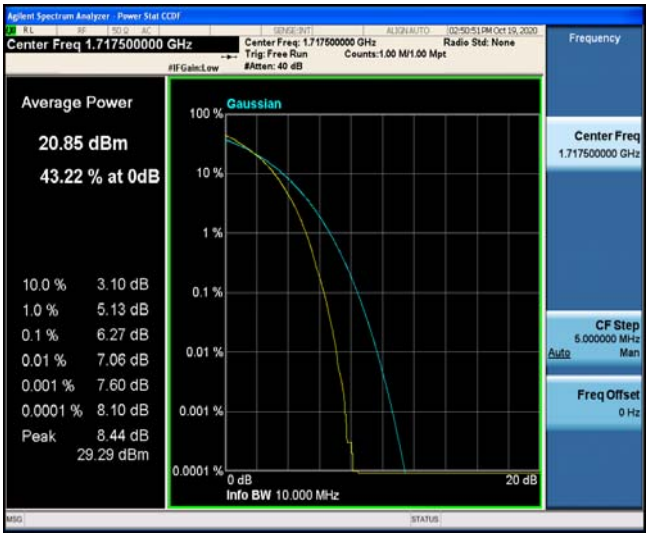
Band66_15MHz_QPSK_132322_75RB#0

Band66_15MHz_QPSK_132597_1RB#0

Band66_15MHz_QPSK_132597_75RB#0

Band66_15MHz_16QAM_132047_1RB#0

Band66_15MHz_16QAM_132047_75RB#0



Band66_15MHz_16QAM_132322_1RB#0

Band66_15MHz_16QAM_132322_75RB#0

Band66_15MHz_16QAM_132597_1RB#0

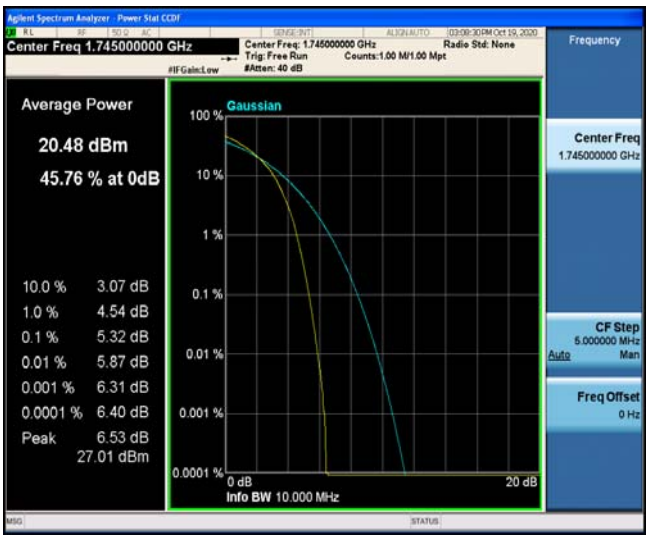
Band66_15MHz_16QAM_132597_75RB#0

Band66_20MHz_QPSK_132072_1RB#0

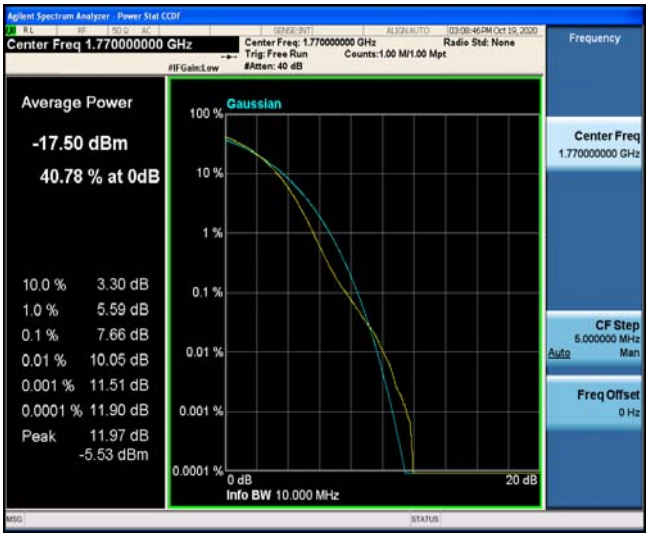
Band66_20MHz_QPSK_132072_100RB#0

Band66_20MHz_QPSK_132322_1RB#0

Band66_20MHz_QPSK_132322_100RB#0



Band66_20MHz_QPSK_132572_1RB#0



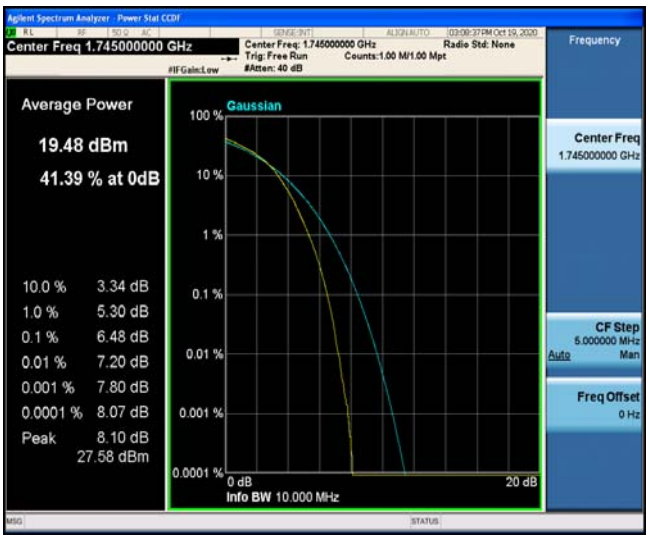
Band66_20MHz_QPSK_132572_100RB#0

Band66_20MHz_16QAM_132072_1RB#0

Band66_20MHz_16QAM_132072_100RB#0

Band66_20MHz_16QAM_132322_1RB#0

Band66_20MHz_16QAM_132322_100RB#0



Band66_20MHz_16QAM_132572_1RB#0

Band66_20MHz_16QAM_132572_100RB#0

Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 1.770000000 GHz
Center Freq: 1.770000000 GHz
Trig: Free Run
#Atten: 40 dB
Counts:1.00 M/1.00 Mpt
Radio Std: None
Frequency
Average Power
18.81 dBm
42.06 % at 0dB
10.0 % 3.25 dB
1.0 % 5.31 dB
0.1 % 6.39 dB
0.01 % 7.05 dB
0.001 % 7.46 dB
0.0001 % 8.10 dB
Peak 8.13 dB
26.94 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 10.000 MHz
Center Freq
1.770000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz

Appendix C: 26dB Bandwidth and Occupied Bandwidth

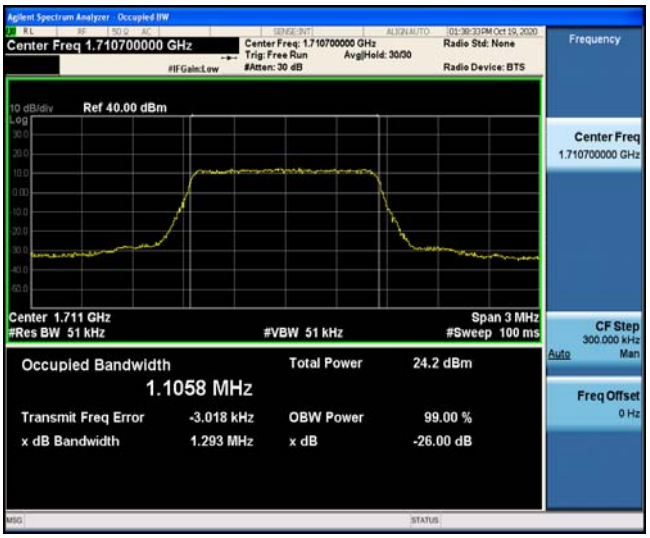
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.1058	1.293	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.1012	1.269	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.1079	1.285	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.1127	1.273	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.1059	1.279	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.1058	1.275	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.6882	2.849	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.6874	2.856	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.6899	2.851	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6890	2.876	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6890	2.870	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6876	2.870	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.4780	4.885	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.4749	4.892	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.4776	4.902	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.4745	4.908	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.4848	4.872	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.4749	4.799	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.9476	9.418	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.9223	9.390	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.9287	9.425	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.9305	9.369	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.9257	9.462	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.9165	9.363	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.389	13.87	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.371	13.99	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.371	13.98	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.387	14.05	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.363	13.91	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.369	13.93	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.832	18.48	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.819	18.43	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.872	18.53	PASS

Band66	20MHz	16QAM	132072	100RB#0	17.865	18.33	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.804	18.49	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.827	18.46	PASS

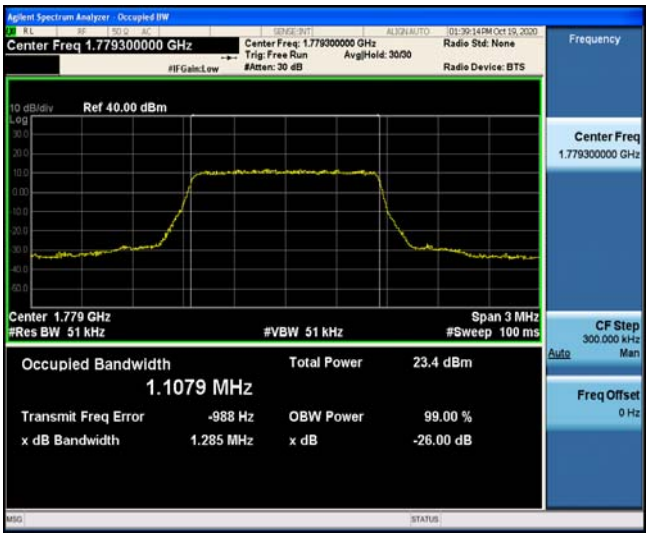
Test Graphs

Band66_1.4MHz_QPSK_131979_6RB#0



Band66_1.4MHz_QPSK_132322_6RB#0

Band66_1.4MHz_QPSK_132665_6RB#0



Band66_1.4MHz_16QAM_131979_6RB#0

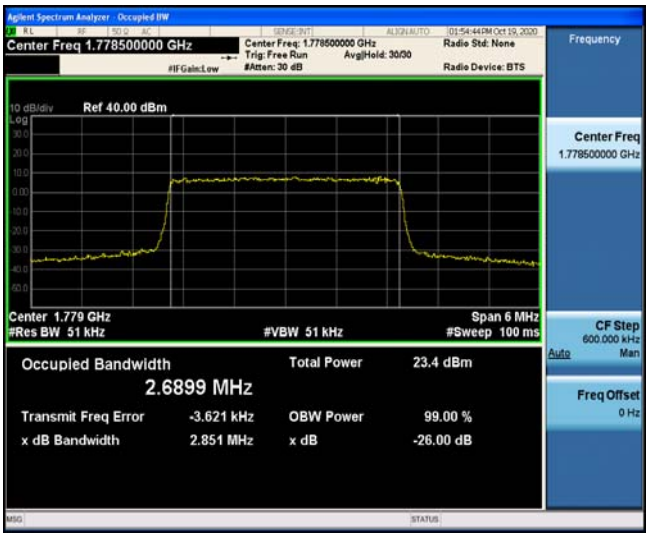
Band66_1.4MHz_16QAM_132322_6RB#0

Band66_1.4MHz_16QAM_132665_6RB#0

Band66_3MHz_QPSK_131987_15RB#0

Band66_3MHz_QPSK_132322_15RB#0

Band66_3MHz_QPSK_132657_15RB#0



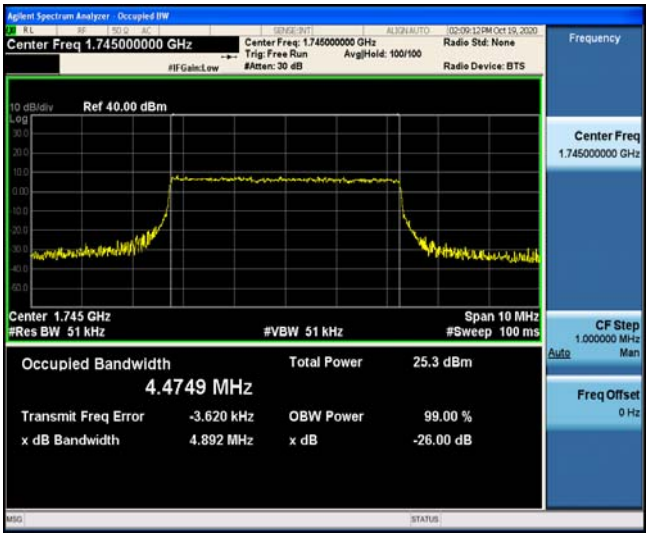
Band66_3MHz_16QAM_131987_15RB#0

Band66_3MHz_16QAM_132322_15RB#0

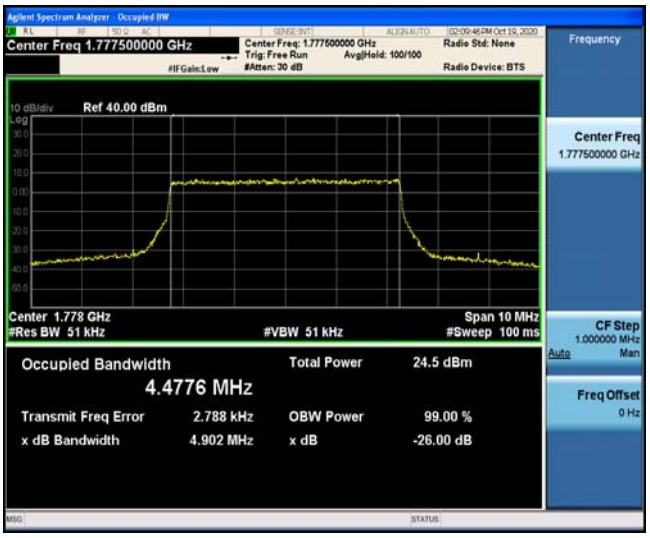
Band66_3MHz_16QAM_132657_15RB#0

Band66_5MHz_QPSK_131997_25RB#0

Band66_5MHz_QPSK_132322_25RB#0

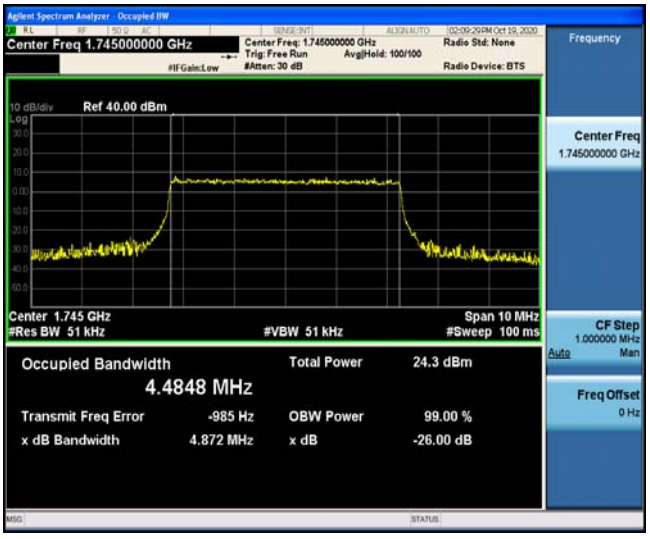


Band66_5MHz_QPSK_132647_25RB#0

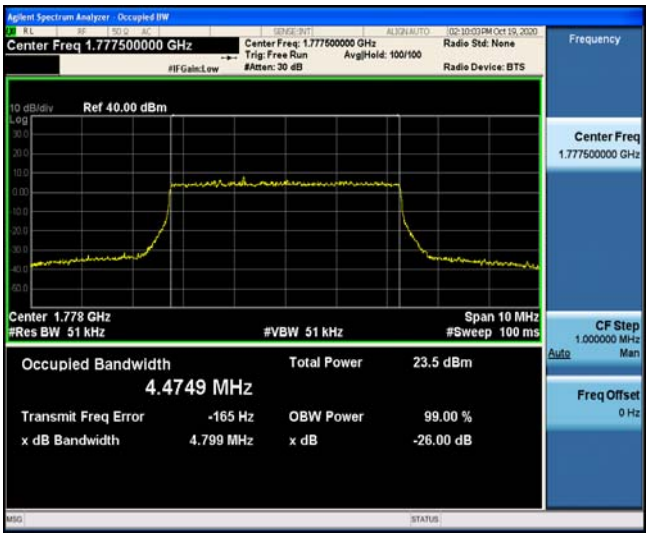


Band66_5MHz_16QAM_131997_25RB#0

Band66_5MHz_16QAM_132322_25RB#0

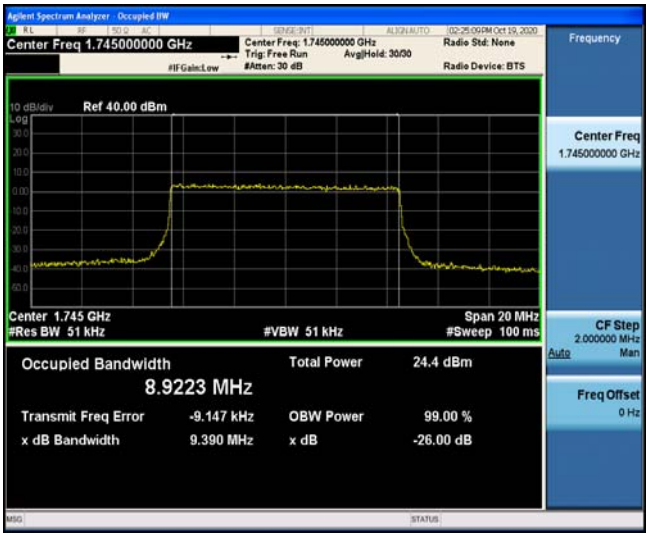


Band66_5MHz_16QAM_132647_25RB#0

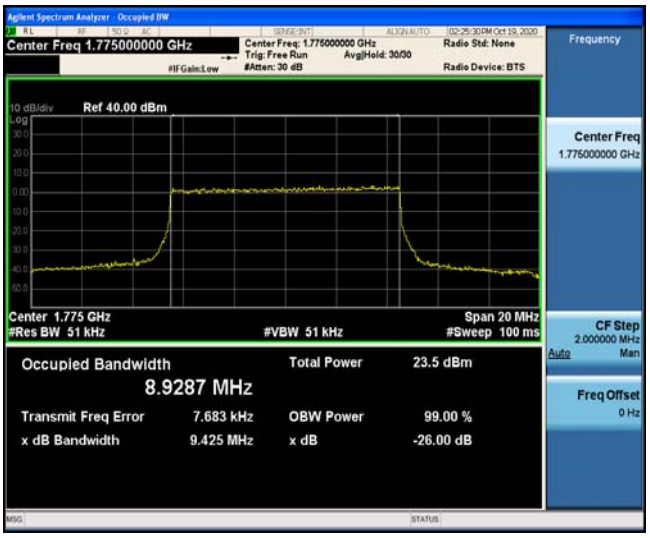


Band66_10MHz_QPSK_132022_50RB#0

Band66_10MHz_QPSK_132322_50RB#0

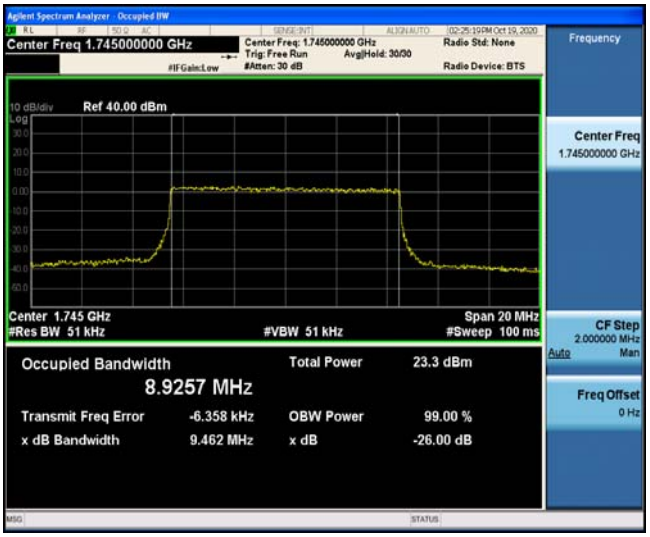


Band66_10MHz_QPSK_132622_50RB#0

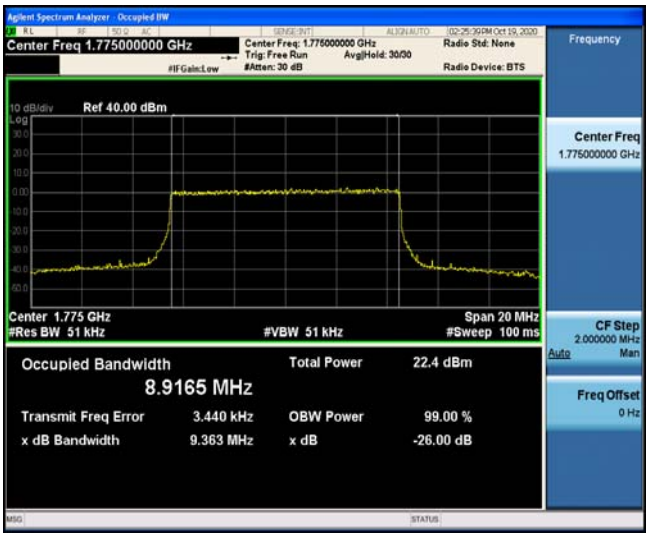


Band66_10MHz_16QAM_132022_50RB#0

Band66_10MHz_16QAM_132322_50RB#0



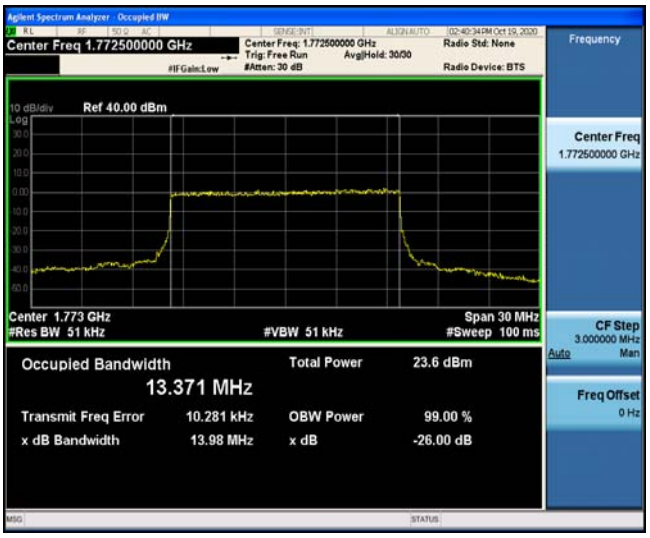
Band66_10MHz_16QAM_132622_50RB#0



Band66_15MHz_QPSK_132047_75RB#0

Band66_15MHz_QPSK_132322_75RB#0

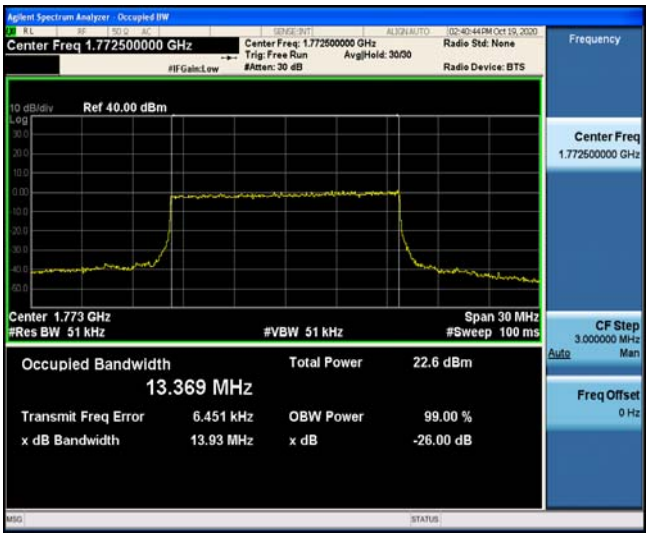
Band66_15MHz_QPSK_132597_75RB#0



Band66_15MHz_16QAM_132047_75RB#0

Band66_15MHz_16QAM_132322_75RB#0

Band66_15MHz_16QAM_132597_75RB#0



Band66_20MHz_QPSK_132072_100RB#0

Band66_20MHz_QPSK_132322_100RB#0

Band66_20MHz_QPSK_132572_100RB#0

Band66_20MHz_16QAM_132072_100RB#0

Band66_20MHz_16QAM_132322_100RB#0

Band66_20MHz_16QAM_132572_100RB#0

Agilent Spectrum Analyzer - Occupied BW
Center Freq 1.770000000 GHz
Center Freq: 1.770000000 GHz
Trig: Free Run
Avg|Hold: 30/30
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Ref 40.00 dBm
Center Freq
1.770000000 GHz
Center 1.77 GHz
#Res BW 51 kHz
#VBW 51 kHz
Span 40 MHz
#Sweep 100 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
17.827 MHz
Total Power
22.7 dBm
Transmit Freq Error
15.200 kHz
OBW Power
99.00 %
x dB Bandwidth
18.46 MHz
x dB
-26.00 dB
Freq Offset
0 Hz

Appendix D: Band Edge

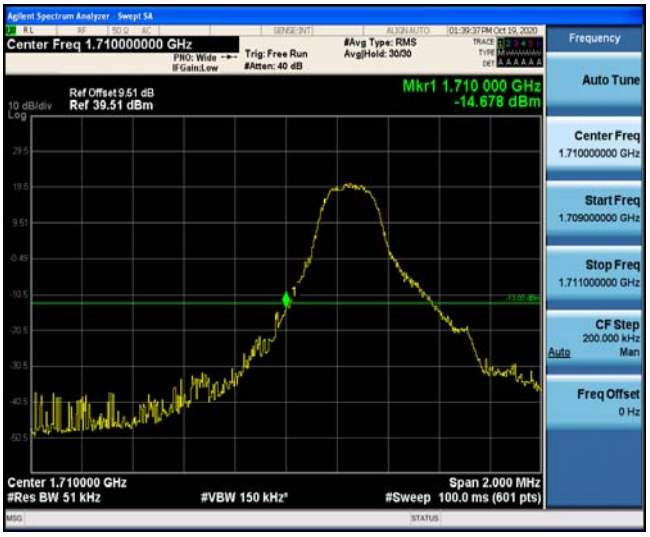
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	-14.68	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	-20.88	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	-29.18	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-22.90	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	-14.34	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-20.70	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	-26.50	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-23.77	PASS
Band66	3MHz	QPSK	131987	1RB#0	-15.44	PASS
Band66	3MHz	QPSK	131987	15RB#0	-27.18	PASS
Band66	3MHz	QPSK	132657	1RB#0	-46.03	PASS
Band66	3MHz	QPSK	132657	15RB#0	-28.27	PASS
Band66	3MHz	16QAM	131987	1RB#0	-15.56	PASS
Band66	3MHz	16QAM	131987	15RB#0	-24.18	PASS
Band66	3MHz	16QAM	132657	1RB#0	-43.78	PASS
Band66	3MHz	16QAM	132657	15RB#0	-28.77	PASS
Band66	5MHz	QPSK	131997	1RB#0		FAIL
Band66	5MHz	QPSK	131997	25RB#0	-21.01	PASS
Band66	5MHz	QPSK	132647	1RB#0	-45.10	PASS
Band66	5MHz	QPSK	132647	25RB#0	-22.23	PASS
Band66	5MHz	16QAM	131997	1RB#0		FAIL
Band66	5MHz	16QAM	131997	25RB#0	-22.39	PASS
Band66	5MHz	16QAM	132647	1RB#0	-45.36	PASS
Band66	5MHz	16QAM	132647	25RB#0	-23.57	PASS
Band66	10MHz	QPSK	132022	1RB#0	-13.17	PASS
Band66	10MHz	QPSK	132022	50RB#0	-26.21	PASS
Band66	10MHz	QPSK	132622	1RB#0	-37.54	PASS
Band66	10MHz	QPSK	132622	50RB#0	-25.71	PASS
Band66	10MHz	16QAM	132022	1RB#0	-13.24	PASS
Band66	10MHz	16QAM	132022	50RB#0	-27.22	PASS
Band66	10MHz	16QAM	132622	1RB#0	-40.62	PASS
Band66	10MHz	16QAM	132622	50RB#0	-27.21	PASS
Band66	15MHz	QPSK	132047	1RB#0	-15.07	PASS
Band66	15MHz	QPSK	132047	75RB#0	-27.09	PASS
Band66	15MHz	QPSK	132597	1RB#0	-45.39	PASS

Band66	15MHz	QPSK	132597	75RB#0	-28.42	PASS
Band66	15MHz	16QAM	132047	1RB#0	-16.35	PASS
Band66	15MHz	16QAM	132047	75RB#0	-28.88	PASS
Band66	15MHz	16QAM	132597	1RB#0	-41.24	PASS
Band66	15MHz	16QAM	132597	75RB#0	-31.83	PASS
Band66	20MHz	QPSK	132072	1RB#0	-20.31	PASS
Band66	20MHz	QPSK	132072	100RB#0	-32.93	PASS
Band66	20MHz	QPSK	132572	1RB#0	-45.44	PASS
Band66	20MHz	QPSK	132572	100RB#0	-32.08	PASS
Band66	20MHz	16QAM	132072	1RB#0	-20.03	PASS
Band66	20MHz	16QAM	132072	100RB#0	-34.48	PASS
Band66	20MHz	16QAM	132572	1RB#0	-46.10	PASS
Band66	20MHz	16QAM	132572	100RB#0	-35.26	PASS

Test Graphs

Band66_1.4MHz_QPSK_131979_1RB#0



Band66_1.4MHz_QPSK_131979_6RB#0

Band66_1.4MHz_QPSK_132665_1RB#0

Band66_1.4MHz_QPSK_132665_6RB#0

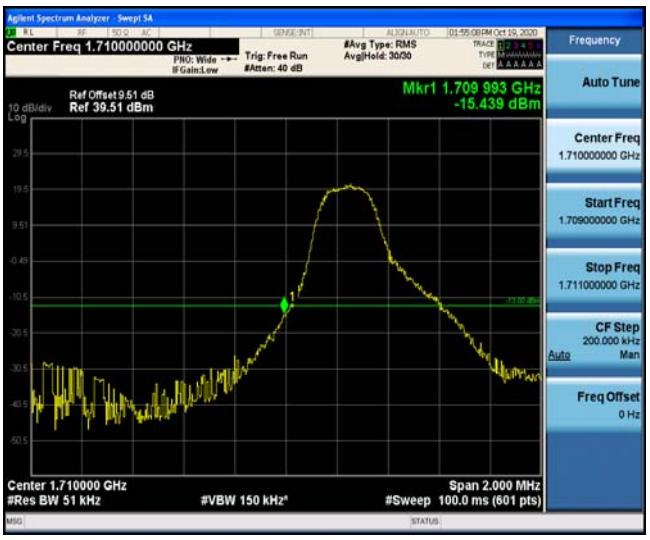
Band66_1.4MHz_16QAM_131979_1RB#0

Band66_1.4MHz_16QAM_131979_6RB#0

Band66_1.4MHz_16QAM_132665_1RB#0

Band66_1.4MHz_16QAM_132665_6RB#0

Band66_3MHz_QPSK_131987_1RB#0



Band66_3MHz_QPSK_131987_15RB#0

Band66_3MHz_QPSK_132657_1RB#0

Band66_3MHz_QPSK_132657_15RB#0

Band66_3MHz_16QAM_131987_1RB#0

Band66_3MHz_16QAM_131987_15RB#0

Band66_3MHz_16QAM_132657_1RB#0

Band66_3MHz_16QAM_132657_15RB#0

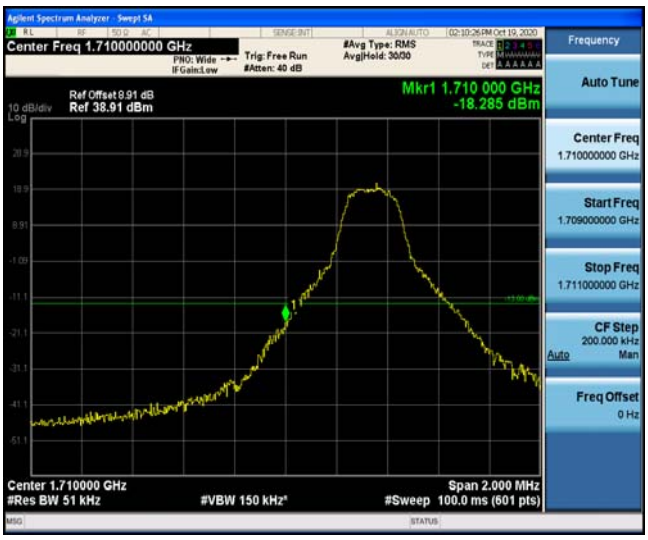
Band66_5MHz_QPSK_131997_1RB#0

Band66_5MHz_QPSK_131997_25RB#0

Band66_5MHz_QPSK_132647_1RB#0

Band66_5MHz_QPSK_132647_25RB#0

Band66_5MHz_16QAM_131997_1RB#0



Band66_5MHz_16QAM_131997_25RB#0

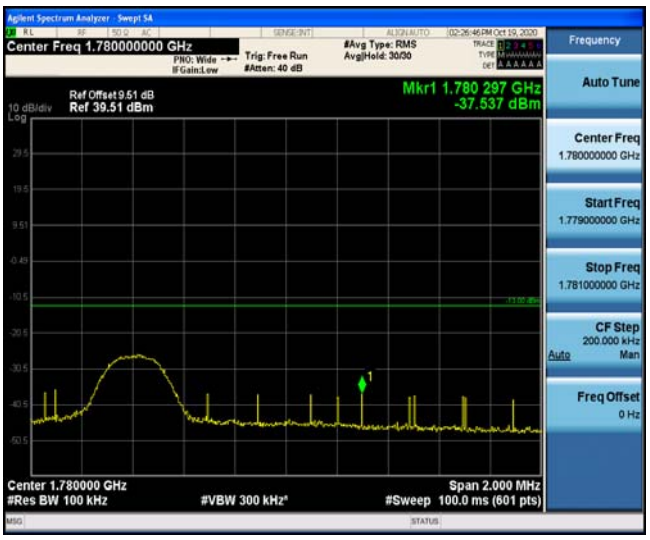
Band66_5MHz_16QAM_132647_1RB#0

Band66_5MHz_16QAM_132647_25RB#0

Band66_10MHz_QPSK_132022_1RB#0

Band66_10MHz_QPSK_132022_50RB#0

Band66_10MHz_QPSK_132622_1RB#0



Band66_10MHz_QPSK_132622_50RB#0

Band66_10MHz_16QAM_132022_1RB#0