

Appendix P: Test Data for E-UTRA Band 66

Product Name: mobile phone

Trade Mark: Purism

Test Model: Librem 5

Environmental Conditions

Temperature:	24.6° C
Relative Humidity:	54.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Ken He
Supervised by:	Li Huan

P.1 Conducted Output Power

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#5	22.70	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	22.83	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	22.87	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	22.78	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	22.80	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	22.81	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	21.96	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.14	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.12	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.15	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	22.99	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	23.09	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	23.02	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.06	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	23.09	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	22.89	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	23.18	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	22.79	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	22.77	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	22.78	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	21.91	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.33	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.37	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.28	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	21.88	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	21.76	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	21.73	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.09	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.29	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.24	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.59	PASS
Band66	1.4MHz	16QAM	132322	3RB#1	21.68	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	21.80	PASS

Band66	1.4MHz	16QAM	132322	3RB#3	21.55	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.46	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	22.40	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	22.26	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	22.05	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	21.69	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	21.50	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	21.62	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	20.99	PASS
Band66	3MHz	QPSK	131987	1RB#0	22.88	PASS
Band66	3MHz	QPSK	131987	1RB#8	22.79	PASS
Band66	3MHz	QPSK	131987	1RB#14	22.88	PASS
Band66	3MHz	QPSK	131987	8RB#0	22.17	PASS
Band66	3MHz	QPSK	131987	8RB#4	22.16	PASS
Band66	3MHz	QPSK	131987	8RB#7	22.30	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.32	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.01	PASS
Band66	3MHz	QPSK	132322	1RB#14	23.31	PASS
Band66	3MHz	QPSK	132322	1RB#8	23.45	PASS
Band66	3MHz	QPSK	132322	8RB#4	22.39	PASS
Band66	3MHz	QPSK	132322	8RB#7	22.32	PASS
Band66	3MHz	QPSK	132322	8RB#0	22.46	PASS
Band66	3MHz	QPSK	132322	15RB#0	22.38	PASS
Band66	3MHz	QPSK	132657	1RB#0	23.34	PASS
Band66	3MHz	QPSK	132657	1RB#8	22.85	PASS
Band66	3MHz	QPSK	132657	1RB#14	23.04	PASS
Band66	3MHz	QPSK	132657	8RB#0	22.26	PASS
Band66	3MHz	QPSK	132657	8RB#4	22.02	PASS
Band66	3MHz	QPSK	132657	8RB#7	22.05	PASS
Band66	3MHz	QPSK	132657	15RB#0	22.06	PASS
Band66	3MHz	16QAM	131987	1RB#8	21.90	PASS
Band66	3MHz	16QAM	131987	1RB#14	21.83	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.65	PASS
Band66	3MHz	16QAM	131987	8RB#7	21.46	PASS
Band66	3MHz	16QAM	131987	8RB#0	21.42	PASS
Band66	3MHz	16QAM	131987	8RB#4	21.29	PASS
Band66	3MHz	16QAM	131987	15RB#0	21.32	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.90	PASS

Band66	3MHz	16QAM	132322	1RB#14	22.25	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.02	PASS
Band66	3MHz	16QAM	132322	8RB#7	21.30	PASS
Band66	3MHz	16QAM	132322	8RB#0	21.49	PASS
Band66	3MHz	16QAM	132322	8RB#4	21.46	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.41	PASS
Band66	3MHz	16QAM	132657	1RB#14	21.97	PASS
Band66	3MHz	16QAM	132657	1RB#8	21.88	PASS
Band66	3MHz	16QAM	132657	1RB#0	22.19	PASS
Band66	3MHz	16QAM	132657	8RB#0	20.98	PASS
Band66	3MHz	16QAM	132657	8RB#7	21.30	PASS
Band66	3MHz	16QAM	132657	8RB#4	20.97	PASS
Band66	3MHz	16QAM	132657	15RB#0	21.18	PASS
Band66	5MHz	QPSK	131997	1RB#24	22.86	PASS
Band66	5MHz	QPSK	131997	1RB#12	23.69	PASS
Band66	5MHz	QPSK	131997	1RB#0	23.16	PASS
Band66	5MHz	QPSK	131997	12RB#0	22.31	PASS
Band66	5MHz	QPSK	131997	12RB#13	22.20	PASS
Band66	5MHz	QPSK	131997	12RB#6	22.29	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.23	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.76	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.54	PASS
Band66	5MHz	QPSK	132322	1RB#24	23.30	PASS
Band66	5MHz	QPSK	132322	12RB#13	22.46	PASS
Band66	5MHz	QPSK	132322	12RB#6	22.38	PASS
Band66	5MHz	QPSK	132322	12RB#0	22.39	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.42	PASS
Band66	5MHz	QPSK	132647	1RB#0	23.30	PASS
Band66	5MHz	QPSK	132647	1RB#12	23.23	PASS
Band66	5MHz	QPSK	132647	1RB#24	23.24	PASS
Band66	5MHz	QPSK	132647	12RB#0	22.22	PASS
Band66	5MHz	QPSK	132647	12RB#13	22.15	PASS
Band66	5MHz	QPSK	132647	12RB#6	22.15	PASS
Band66	5MHz	QPSK	132647	25RB#0	22.15	PASS
Band66	5MHz	16QAM	131997	1RB#12	21.61	PASS
Band66	5MHz	16QAM	131997	1RB#24	21.52	PASS
Band66	5MHz	16QAM	131997	1RB#0	21.53	PASS
Band66	5MHz	16QAM	131997	12RB#0	21.18	PASS

Band66	5MHz	16QAM	131997	12RB#13	21.20	PASS
Band66	5MHz	16QAM	131997	12RB#6	21.17	PASS
Band66	5MHz	16QAM	131997	25RB#0	21.24	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.02	PASS
Band66	5MHz	16QAM	132322	1RB#12	21.91	PASS
Band66	5MHz	16QAM	132322	1RB#0	21.88	PASS
Band66	5MHz	16QAM	132322	12RB#6	21.48	PASS
Band66	5MHz	16QAM	132322	12RB#0	21.47	PASS
Band66	5MHz	16QAM	132322	12RB#13	21.31	PASS
Band66	5MHz	16QAM	132322	25RB#0	21.45	PASS
Band66	5MHz	16QAM	132647	1RB#24	22.08	PASS
Band66	5MHz	16QAM	132647	1RB#12	22.39	PASS
Band66	5MHz	16QAM	132647	1RB#0	22.25	PASS
Band66	5MHz	16QAM	132647	12RB#0	21.34	PASS
Band66	5MHz	16QAM	132647	12RB#13	21.25	PASS
Band66	5MHz	16QAM	132647	12RB#6	21.18	PASS
Band66	5MHz	16QAM	132647	25RB#0	21.17	PASS
Band66	10MHz	QPSK	132022	1RB#24	22.95	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.14	PASS
Band66	10MHz	QPSK	132022	1RB#0	23.11	PASS
Band66	10MHz	QPSK	132022	25RB#0	22.19	PASS
Band66	10MHz	QPSK	132022	25RB#12	22.17	PASS
Band66	10MHz	QPSK	132022	25RB#25	21.92	PASS
Band66	10MHz	QPSK	132022	50RB#0	22.18	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.41	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.42	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.31	PASS
Band66	10MHz	QPSK	132322	25RB#0	22.42	PASS
Band66	10MHz	QPSK	132322	25RB#12	22.34	PASS
Band66	10MHz	QPSK	132322	25RB#25	22.56	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.63	PASS
Band66	10MHz	QPSK	132622	1RB#24	23.43	PASS
Band66	10MHz	QPSK	132622	1RB#0	23.10	PASS
Band66	10MHz	QPSK	132622	1RB#49	23.03	PASS
Band66	10MHz	QPSK	132622	25RB#0	22.22	PASS
Band66	10MHz	QPSK	132622	25RB#12	22.18	PASS
Band66	10MHz	QPSK	132622	25RB#25	22.13	PASS
Band66	10MHz	QPSK	132622	50RB#0	22.11	PASS

Band66	10MHz	16QAM	132022	1RB#24	22.85	PASS
Band66	10MHz	16QAM	132022	1RB#49	21.71	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.32	PASS
Band66	10MHz	16QAM	132022	25RB#12	21.02	PASS
Band66	10MHz	16QAM	132022	25RB#0	21.04	PASS
Band66	10MHz	16QAM	132022	25RB#25	20.96	PASS
Band66	10MHz	16QAM	132022	50RB#0	21.12	PASS
Band66	10MHz	16QAM	132322	1RB#49	21.96	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.42	PASS
Band66	10MHz	16QAM	132322	1RB#0	21.49	PASS
Band66	10MHz	16QAM	132322	25RB#12	21.47	PASS
Band66	10MHz	16QAM	132322	25RB#25	21.23	PASS
Band66	10MHz	16QAM	132322	25RB#0	21.45	PASS
Band66	10MHz	16QAM	132322	50RB#0	21.54	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.28	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.46	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.04	PASS
Band66	10MHz	16QAM	132622	25RB#12	21.23	PASS
Band66	10MHz	16QAM	132622	25RB#25	21.21	PASS
Band66	10MHz	16QAM	132622	25RB#0	21.29	PASS
Band66	10MHz	16QAM	132622	50RB#0	21.05	PASS
Band66	15MHz	QPSK	132047	1RB#0	23.11	PASS
Band66	15MHz	QPSK	132047	1RB#38	22.84	PASS
Band66	15MHz	QPSK	132047	1RB#74	22.72	PASS
Band66	15MHz	QPSK	132047	38RB#0	22.29	PASS
Band66	15MHz	QPSK	132047	38RB#18	21.65	PASS
Band66	15MHz	QPSK	132047	38RB#37	21.18	PASS
Band66	15MHz	QPSK	132047	75RB#0	21.91	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.09	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.29	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.13	PASS
Band66	15MHz	QPSK	132322	38RB#0	21.82	PASS
Band66	15MHz	QPSK	132322	38RB#18	22.41	PASS
Band66	15MHz	QPSK	132322	38RB#37	21.74	PASS
Band66	15MHz	QPSK	132322	75RB#0	22.63	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.24	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.16	PASS
Band66	15MHz	QPSK	132597	1RB#74	23.12	PASS

Band66	15MHz	QPSK	132597	38RB#0	22.07	PASS
Band66	15MHz	QPSK	132597	38RB#18	22.12	PASS
Band66	15MHz	QPSK	132597	38RB#37	21.88	PASS
Band66	15MHz	QPSK	132597	75RB#0	22.18	PASS
Band66	15MHz	16QAM	132047	1RB#0	22.29	PASS
Band66	15MHz	16QAM	132047	1RB#74	21.20	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.05	PASS
Band66	15MHz	16QAM	132047	38RB#0	22.25	PASS
Band66	15MHz	16QAM	132047	38RB#37	21.19	PASS
Band66	15MHz	16QAM	132047	38RB#18	21.79	PASS
Band66	15MHz	16QAM	132047	75RB#0	20.97	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.30	PASS
Band66	15MHz	16QAM	132322	1RB#74	21.74	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.29	PASS
Band66	15MHz	16QAM	132322	38RB#18	22.25	PASS
Band66	15MHz	16QAM	132322	38RB#37	21.73	PASS
Band66	15MHz	16QAM	132322	38RB#0	21.82	PASS
Band66	15MHz	16QAM	132322	75RB#0	21.28	PASS
Band66	15MHz	16QAM	132597	1RB#0	22.11	PASS
Band66	15MHz	16QAM	132597	1RB#38	22.19	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.18	PASS
Band66	15MHz	16QAM	132597	38RB#37	22.15	PASS
Band66	15MHz	16QAM	132597	38RB#0	22.06	PASS
Band66	15MHz	16QAM	132597	38RB#18	22.15	PASS
Band66	15MHz	16QAM	132597	75RB#0	21.22	PASS
Band66	20MHz	QPSK	132072	1RB#49	22.77	PASS
Band66	20MHz	QPSK	132072	1RB#99	22.47	PASS
Band66	20MHz	QPSK	132072	1RB#0	23.08	PASS
Band66	20MHz	QPSK	132072	50RB#50	21.82	PASS
Band66	20MHz	QPSK	132072	50RB#0	22.11	PASS
Band66	20MHz	QPSK	132072	50RB#25	22.07	PASS
Band66	20MHz	QPSK	132072	100RB#0	21.99	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.26	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.26	PASS
Band66	20MHz	QPSK	132322	1RB#0	22.72	PASS
Band66	20MHz	QPSK	132322	50RB#50	22.58	PASS
Band66	20MHz	QPSK	132322	50RB#25	22.30	PASS
Band66	20MHz	QPSK	132322	50RB#0	22.32	PASS

Band66	20MHz	QPSK	132322	100RB#0	22.59	PASS
Band66	20MHz	QPSK	132572	1RB#99	23.05	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.55	PASS
Band66	20MHz	QPSK	132572	1RB#0	23.50	PASS
Band66	20MHz	QPSK	132572	50RB#0	22.20	PASS
Band66	20MHz	QPSK	132572	50RB#50	22.25	PASS
Band66	20MHz	QPSK	132572	50RB#25	22.17	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.17	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.28	PASS
Band66	20MHz	16QAM	132072	1RB#99	21.81	PASS
Band66	20MHz	16QAM	132072	1RB#0	22.52	PASS
Band66	20MHz	16QAM	132072	50RB#50	20.89	PASS
Band66	20MHz	16QAM	132072	50RB#25	21.12	PASS
Band66	20MHz	16QAM	132072	50RB#0	21.04	PASS
Band66	20MHz	16QAM	132072	100RB#0	21.04	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.83	PASS
Band66	20MHz	16QAM	132322	1RB#99	23.09	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.22	PASS
Band66	20MHz	16QAM	132322	50RB#50	21.62	PASS
Band66	20MHz	16QAM	132322	50RB#25	21.30	PASS
Band66	20MHz	16QAM	132322	50RB#0	21.29	PASS
Band66	20MHz	16QAM	132322	100RB#0	21.28	PASS
Band66	20MHz	16QAM	132572	1RB#99	22.62	PASS
Band66	20MHz	16QAM	132572	1RB#0	22.57	PASS
Band66	20MHz	16QAM	132572	1RB#49	22.96	PASS
Band66	20MHz	16QAM	132572	50RB#0	21.26	PASS
Band66	20MHz	16QAM	132572	50RB#25	21.16	PASS
Band66	20MHz	16QAM	132572	50RB#50	21.27	PASS
Band66	20MHz	16QAM	132572	100RB#0	21.17	PASS

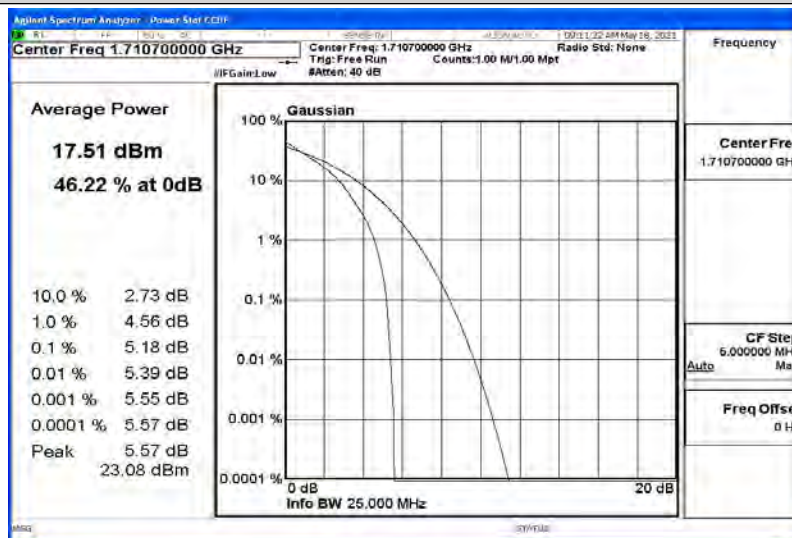
P.2 Peak-to-Average Ratio(CCDF)

Test Result

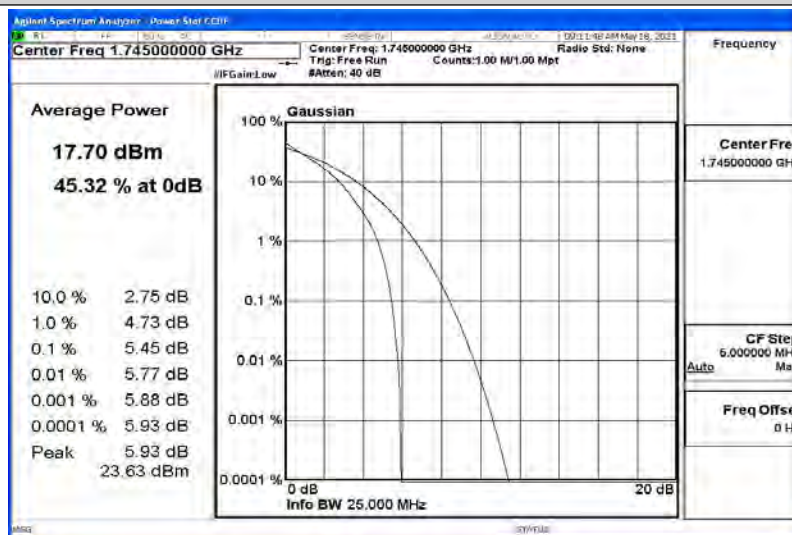
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	5.18	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	5.45	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	5.13	13	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	5.95	13	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	6.37	13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	5.98	13	PASS
Band66	3MHz	QPSK	131987	15RB#0	6.02	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	6.42	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	5.93	13	PASS
Band66	3MHz	16QAM	131987	15RB#0	5.97	13	PASS
Band66	3MHz	16QAM	132322	15RB#0	6.41	13	PASS
Band66	3MHz	16QAM	132657	15RB#0	5.89	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	5.00	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	5.56	13	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.78	13	PASS
Band66	5MHz	16QAM	131997	25RB#0	5.91	13	PASS
Band66	5MHz	16QAM	132322	25RB#0	6.33	13	PASS
Band66	5MHz	16QAM	132647	25RB#0	5.56	13	PASS
Band66	10MHz	QPSK	132022	50RB#0	5.06	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	5.53	13	PASS
Band66	10MHz	QPSK	132622	50RB#0	4.32	13	PASS
Band66	10MHz	16QAM	132022	50RB#0	5.95	13	PASS
Band66	10MHz	16QAM	132322	50RB#0	6.35	13	PASS
Band66	10MHz	16QAM	132622	50RB#0	5.22	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	5.98	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	6.40	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	5.30	13	PASS
Band66	15MHz	16QAM	132047	75RB#0	5.97	13	PASS
Band66	15MHz	16QAM	132322	75RB#0	6.38	13	PASS
Band66	15MHz	16QAM	132597	75RB#0	5.31	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.84	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	6.24	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.35	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.86	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.26	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.34	13	PASS

Test Graphs

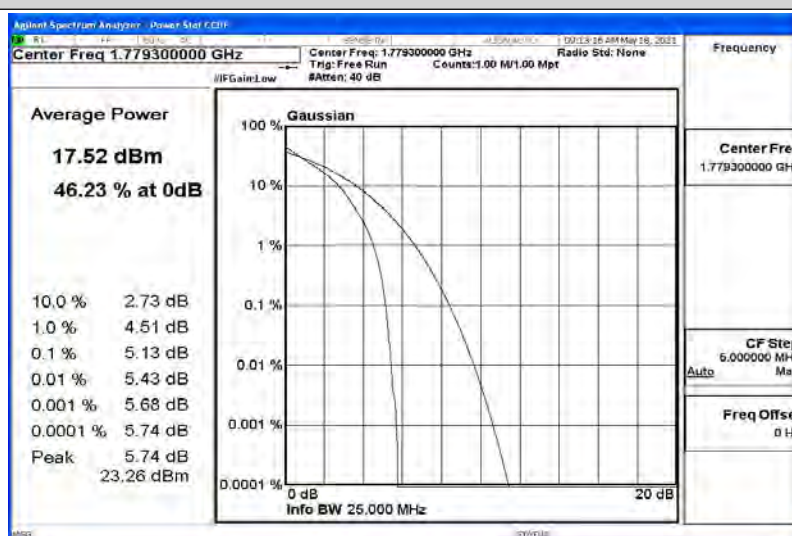
Band66-1.4MHz-QPSK-131979-6RB#0



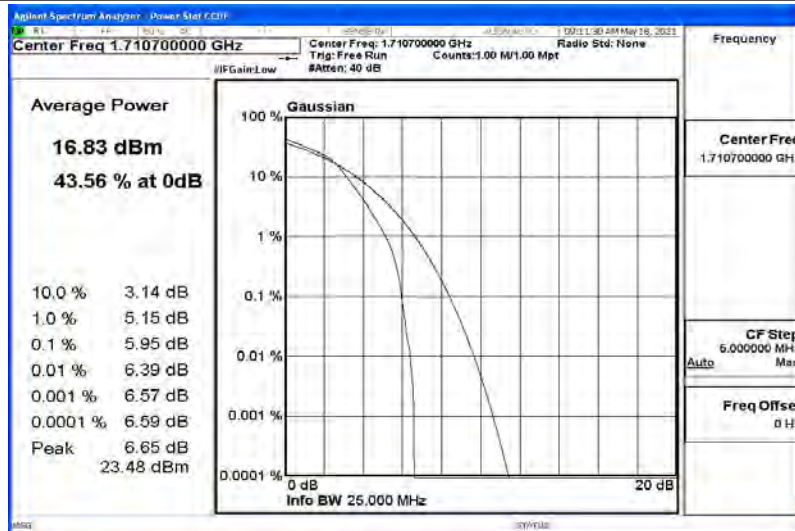
Band66-1.4MHz-QPSK-132322-6RB#0



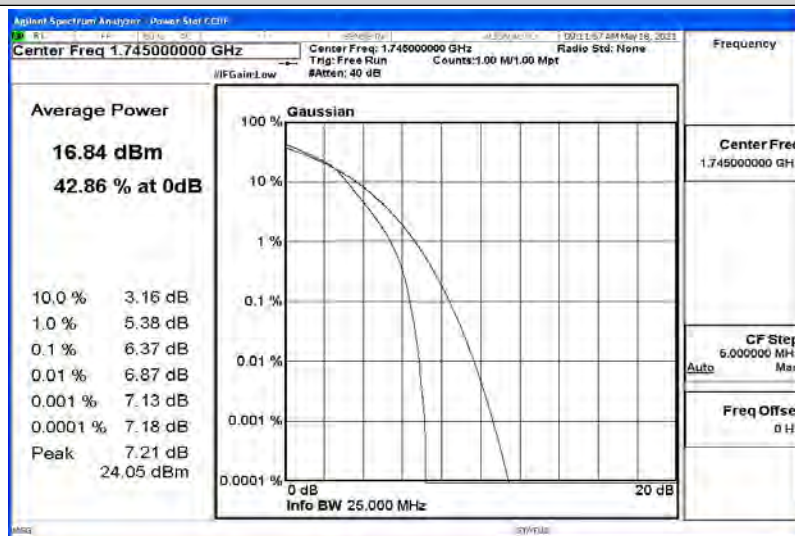
Band66-1.4MHz-QPSK-132665-6RB#0



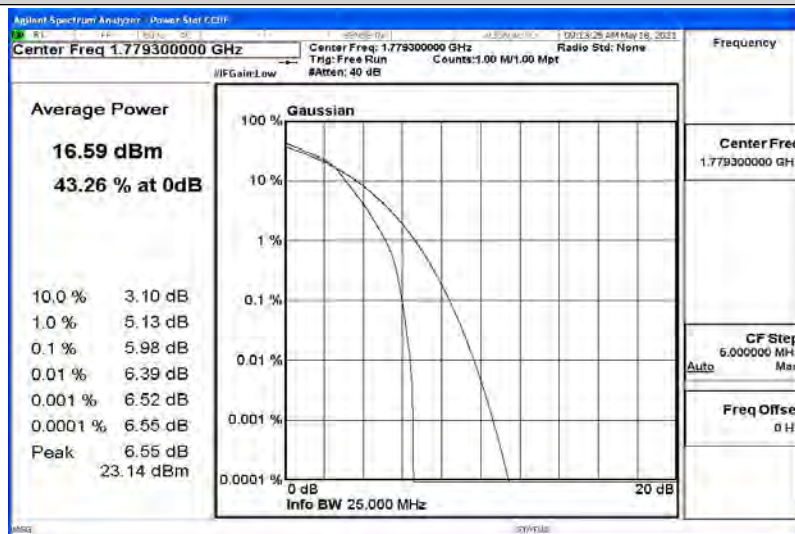
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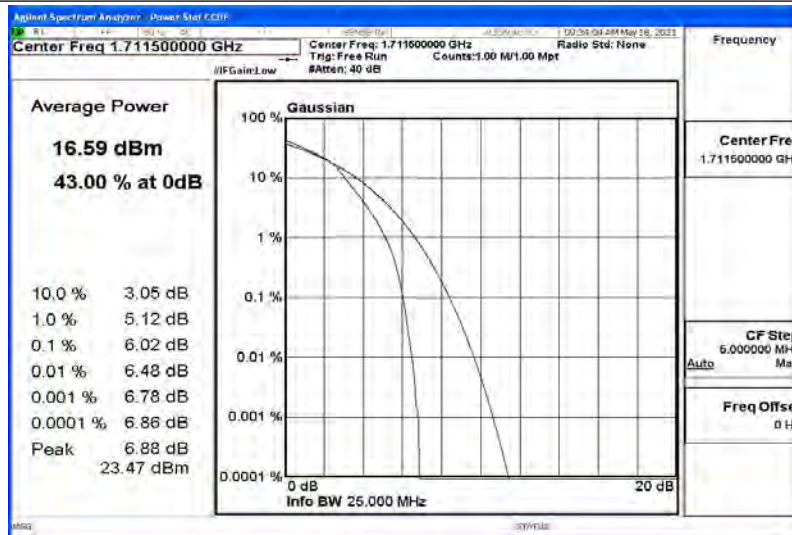
Band66-1.4MHz-16QAM-132322-6RB#0



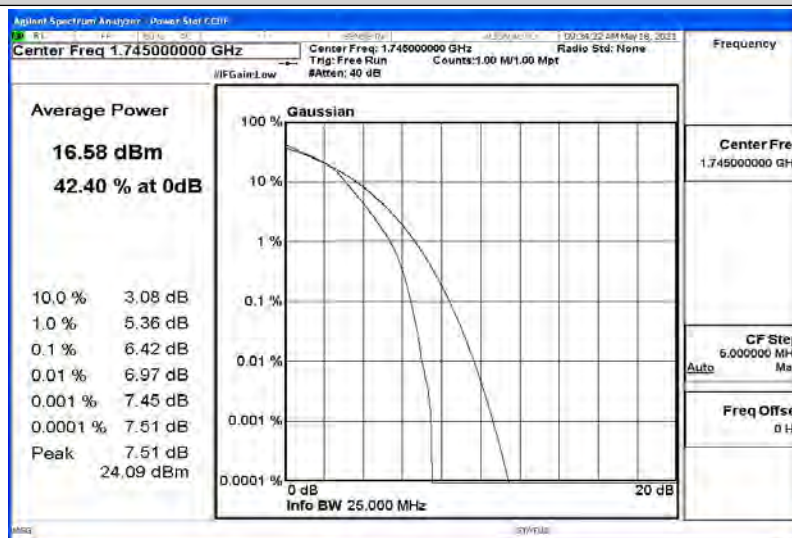
Band66-1.4MHz-16QAM-132665-6RB#0



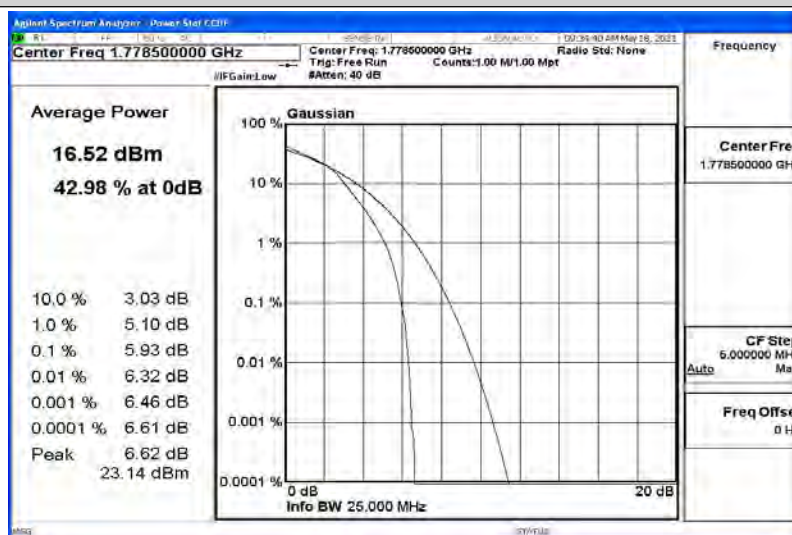
Band66-3MHz-QPSK-131987-15RB#0



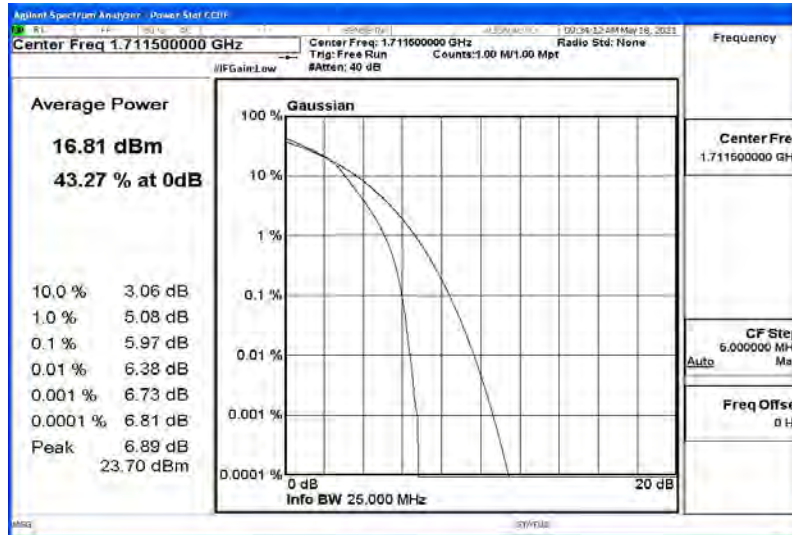
Band66-3MHz-QPSK-132322-15RB#0



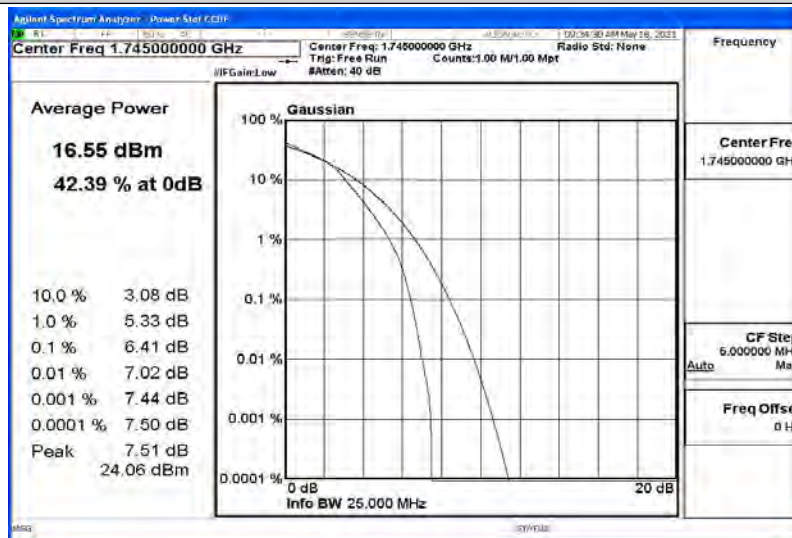
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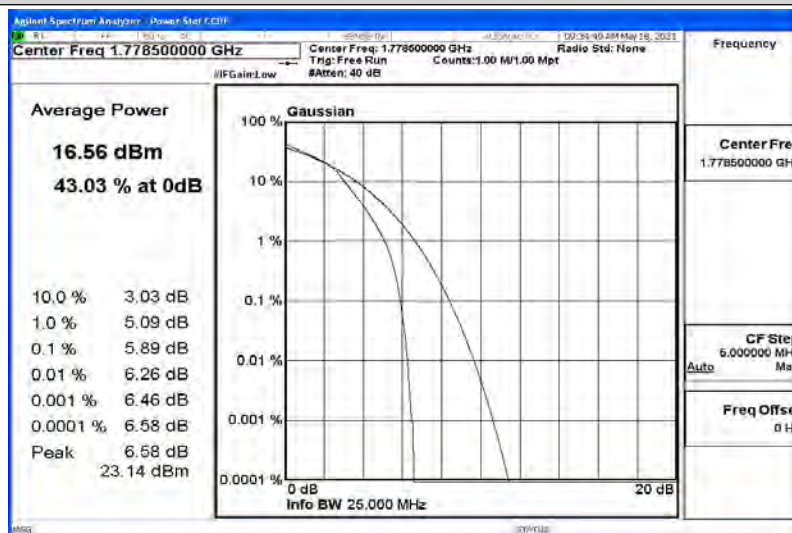
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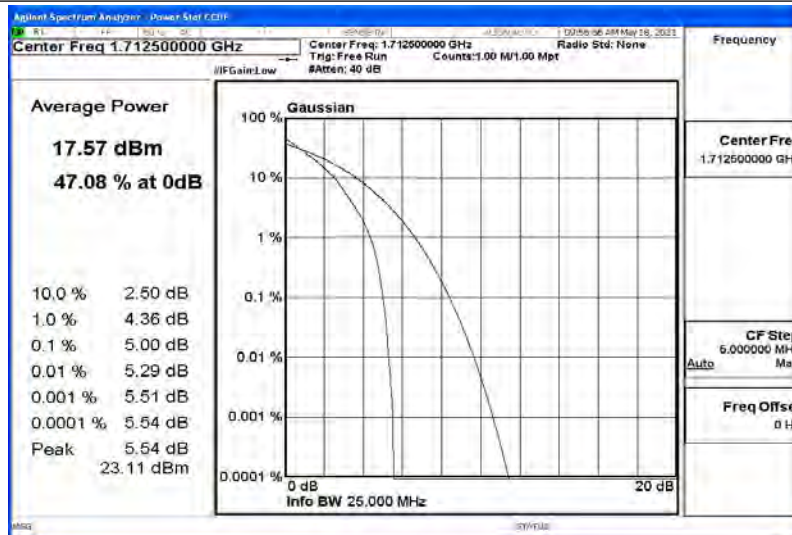
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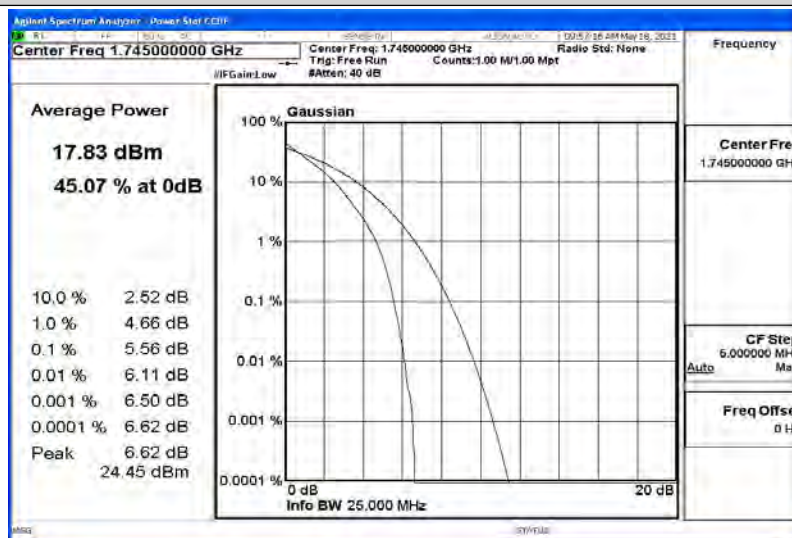
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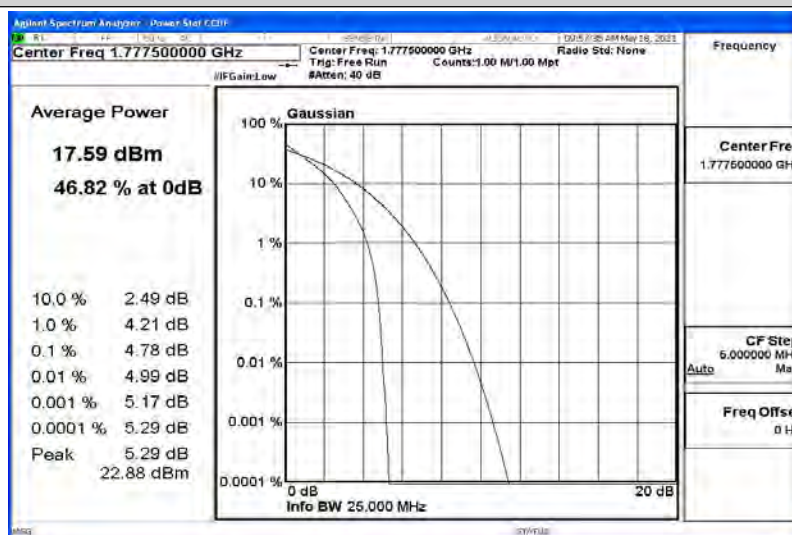
Band66-5MHz-QPSK-131997-25RB#0



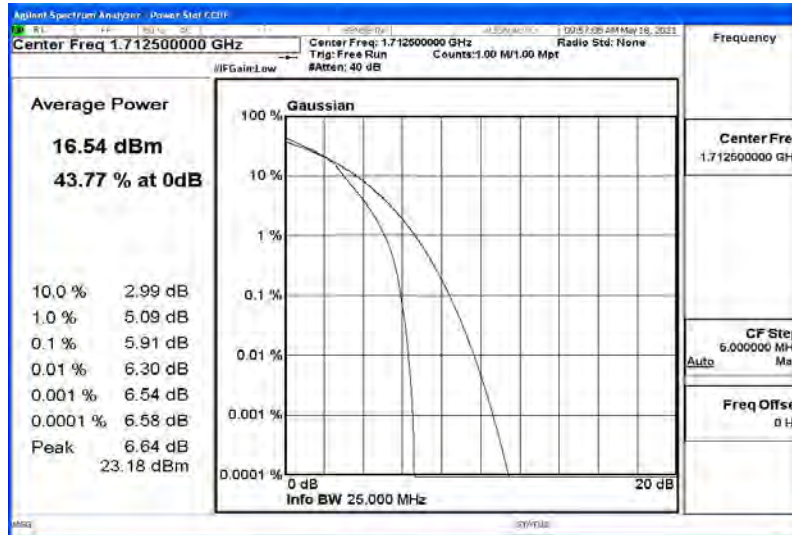
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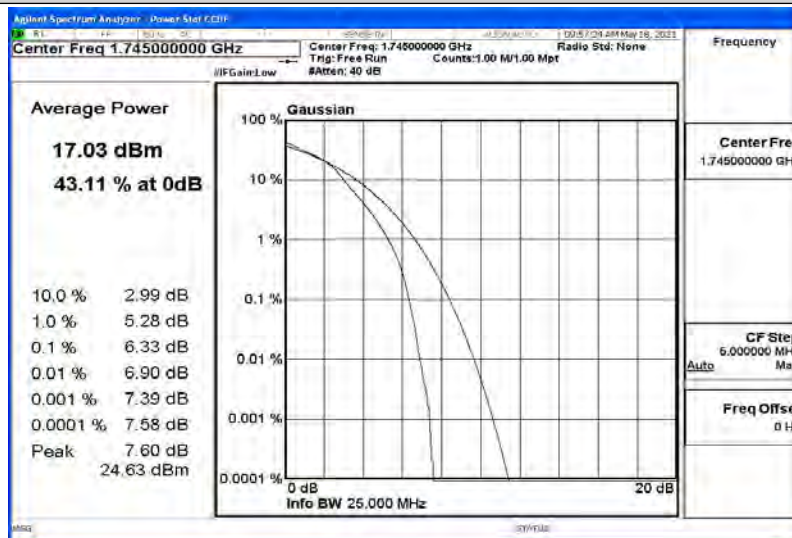
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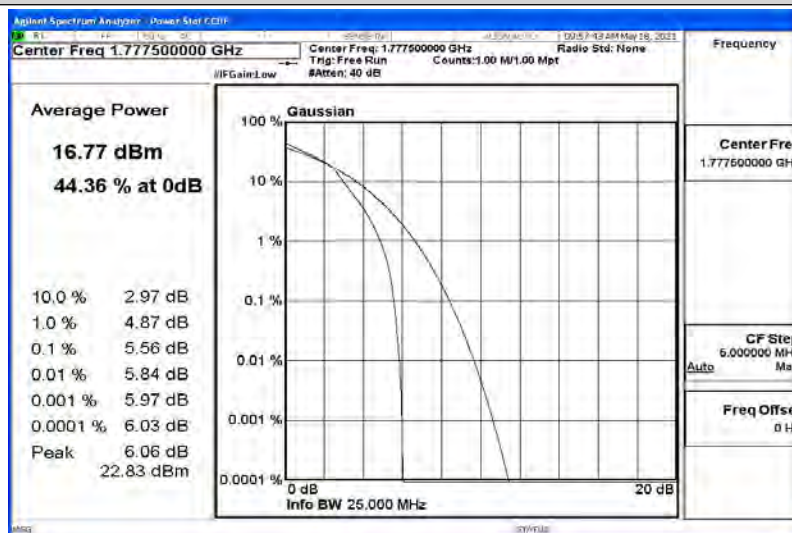
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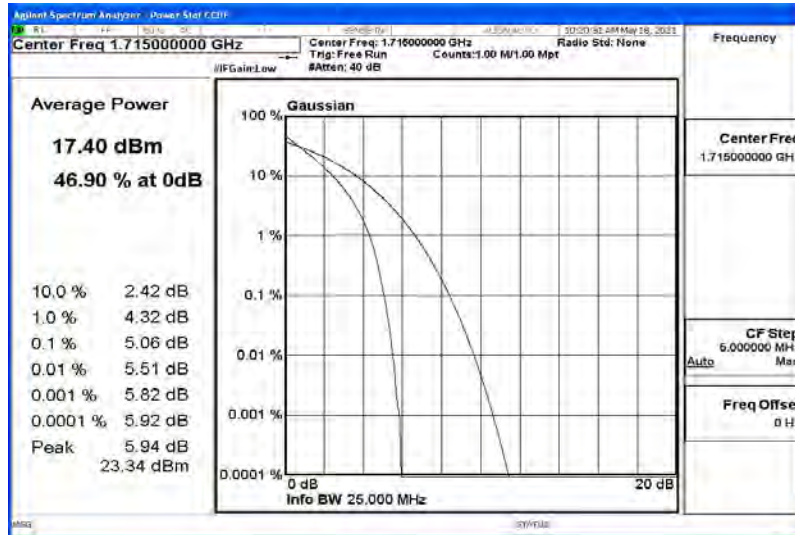
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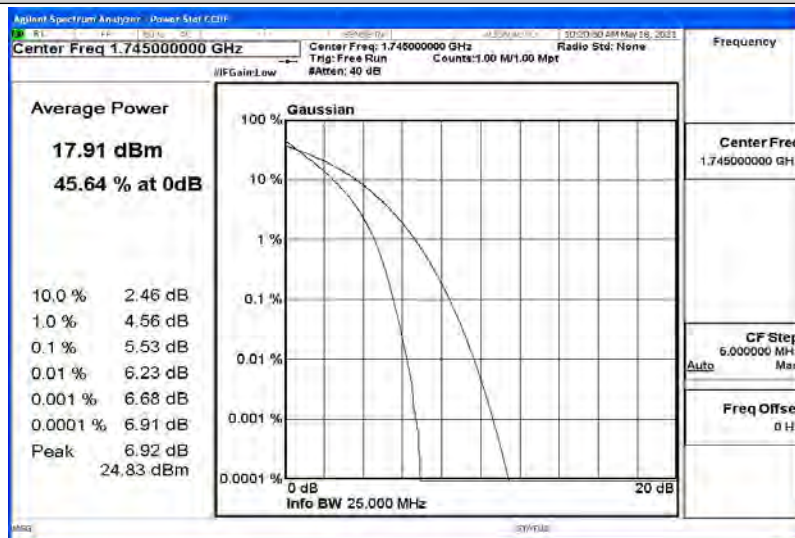
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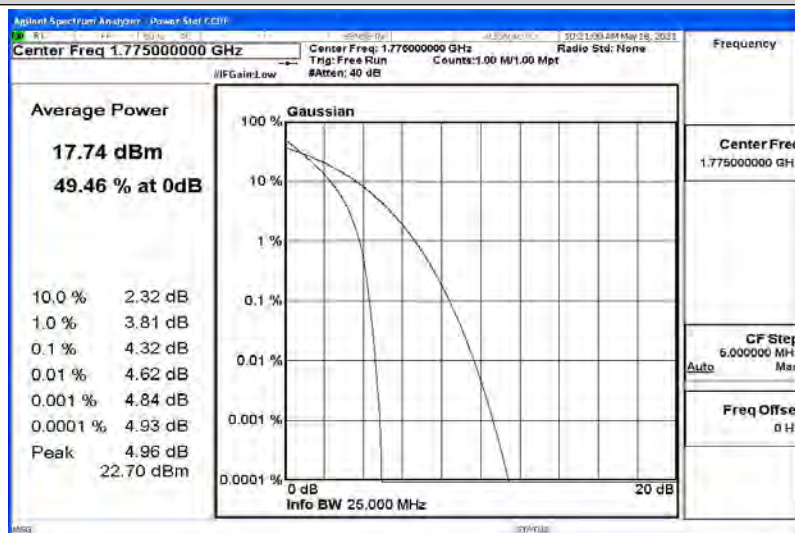
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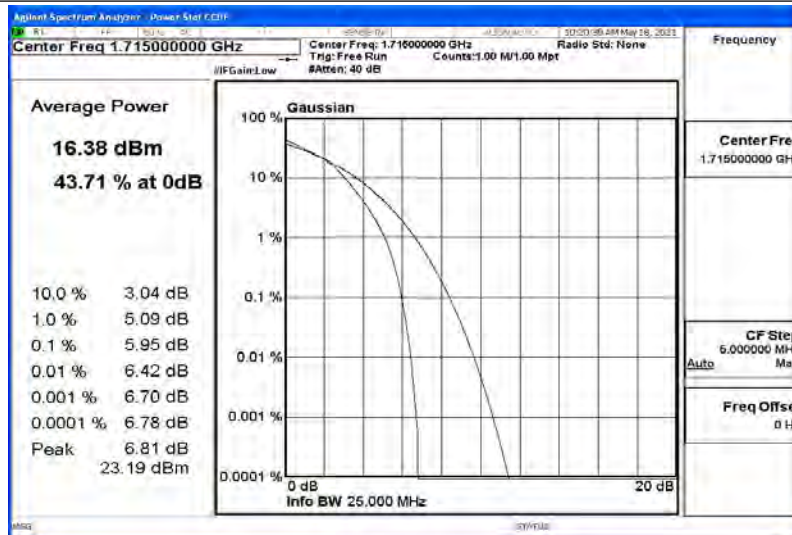
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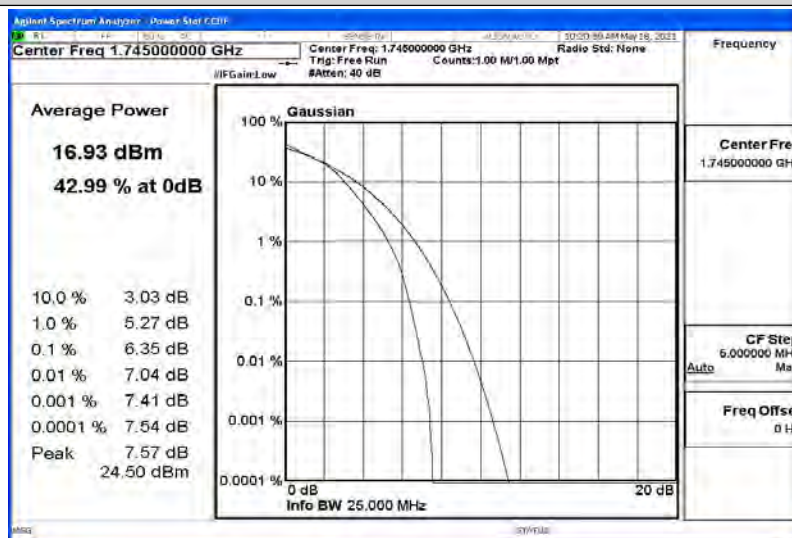
Band66-10MHz-QPSK-132622-50RB#0



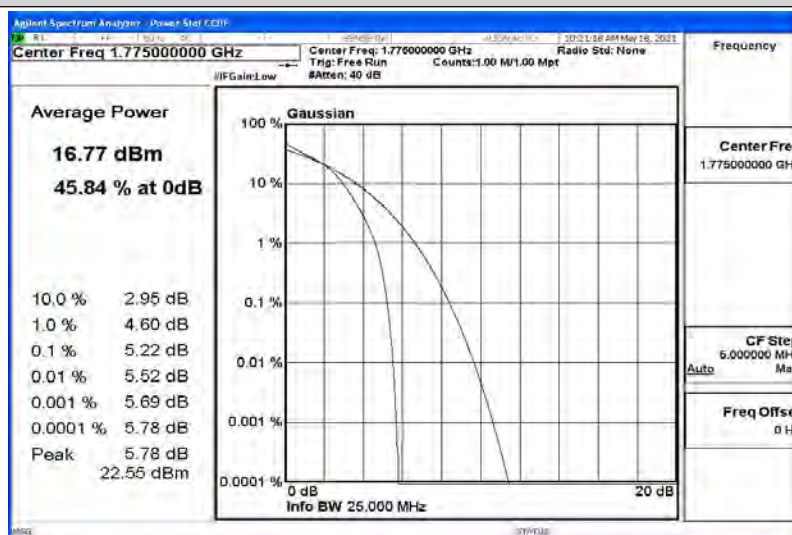
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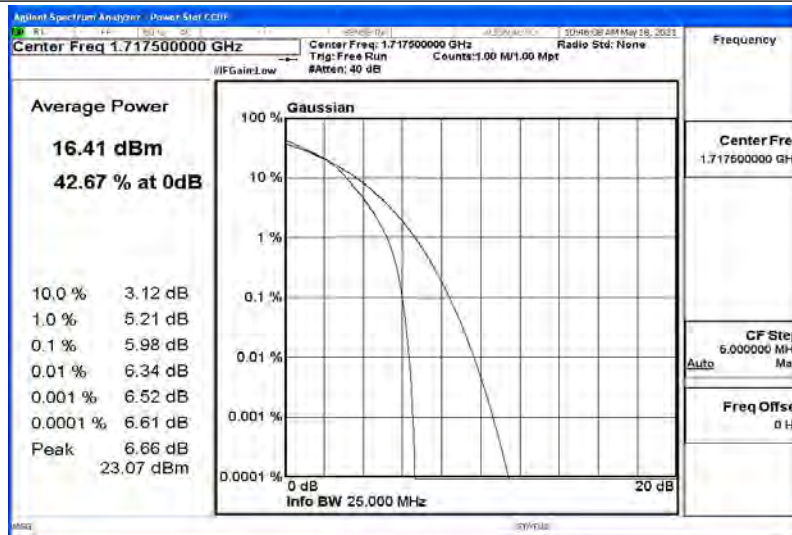
Band66-10MHz-16QAM-132322-50RB#0



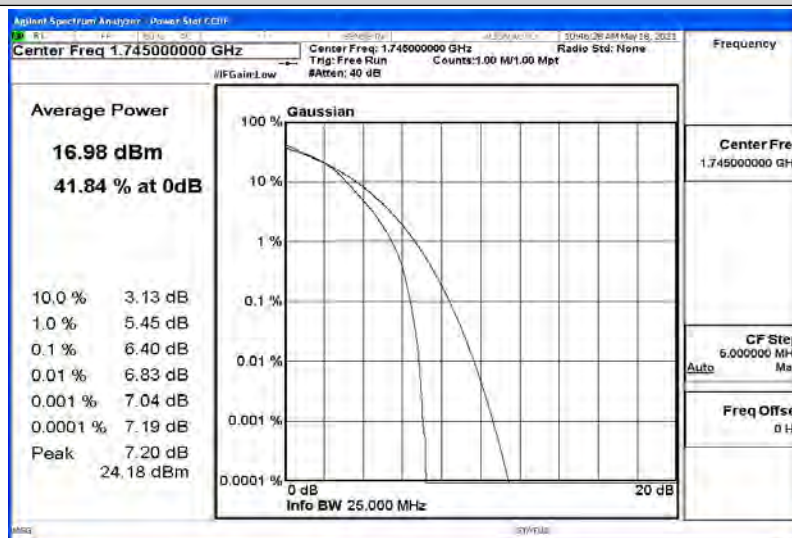
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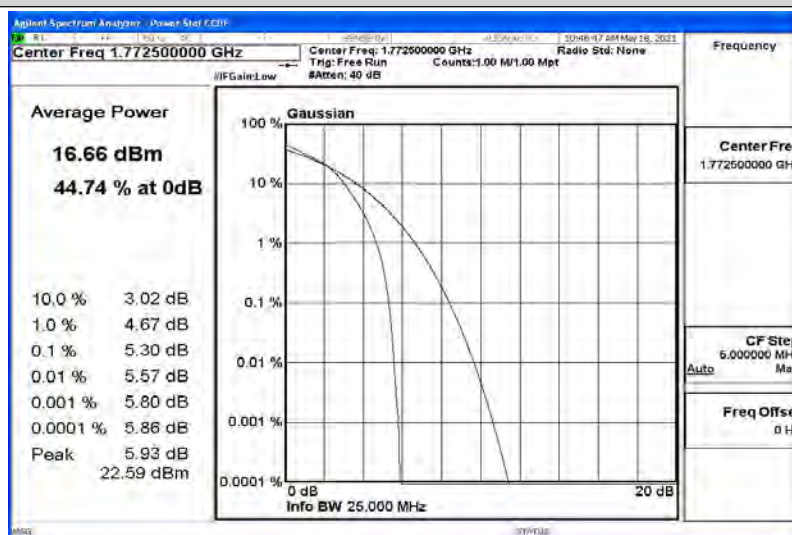
Band66-15MHz-QPSK-132047-75RB#0



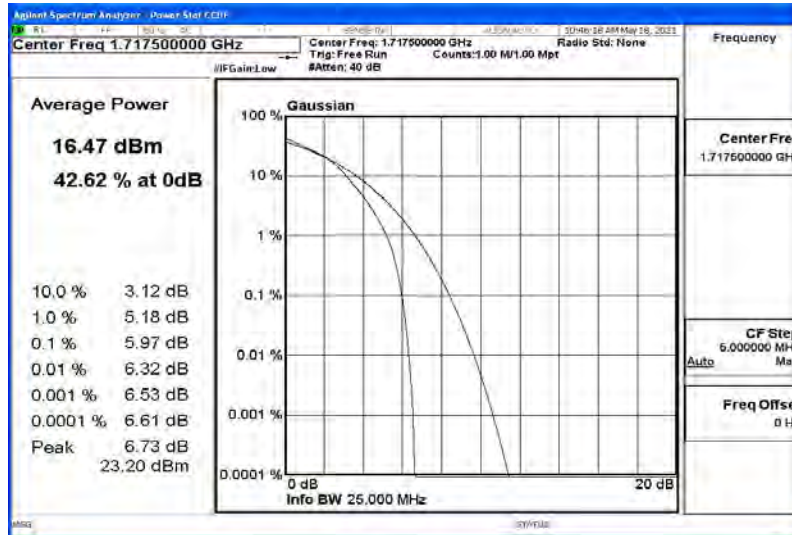
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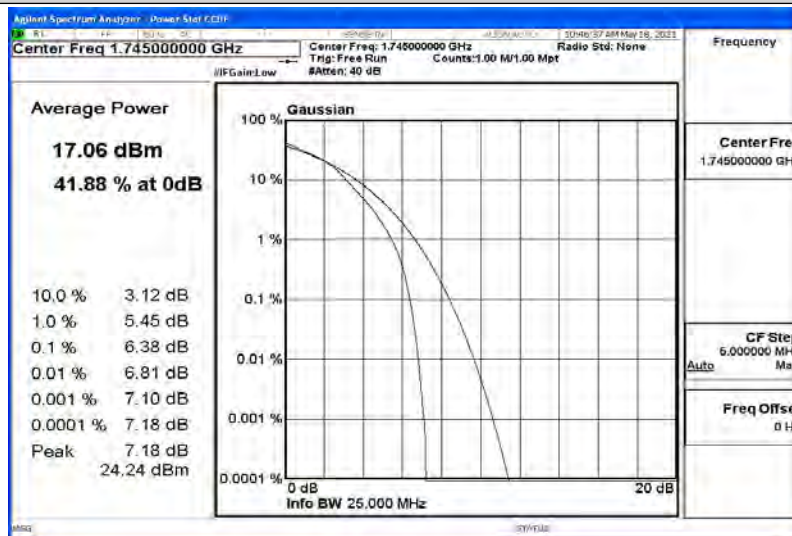
Band66-15MHz-QPSK-132597-75RB#0



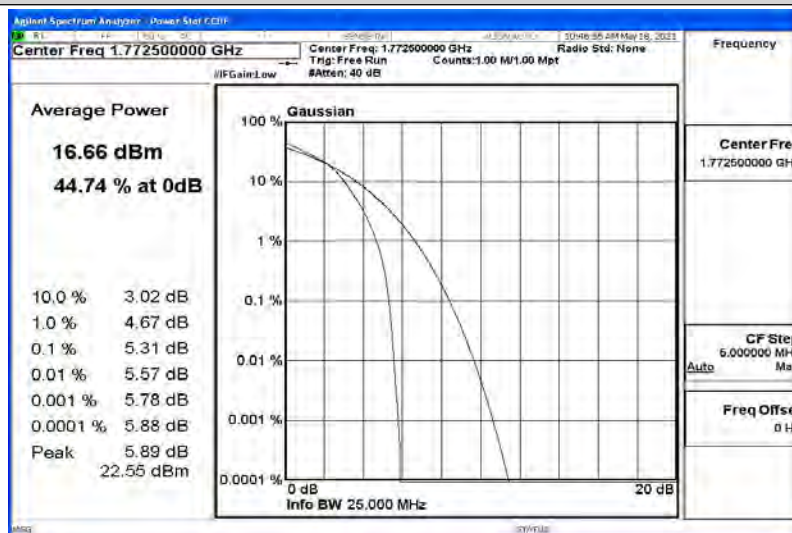
Band66-15MHz-16QAM-132047-75RB#0



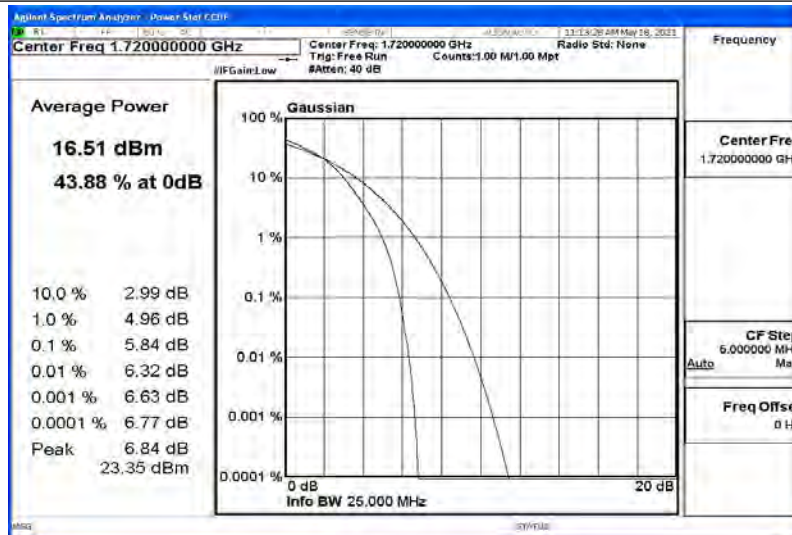
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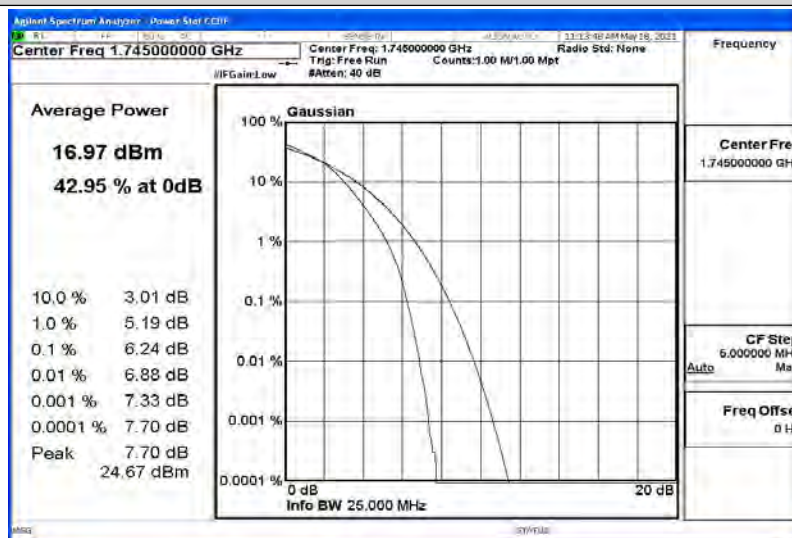
Band66-15MHz-16QAM-132597-75RB#0



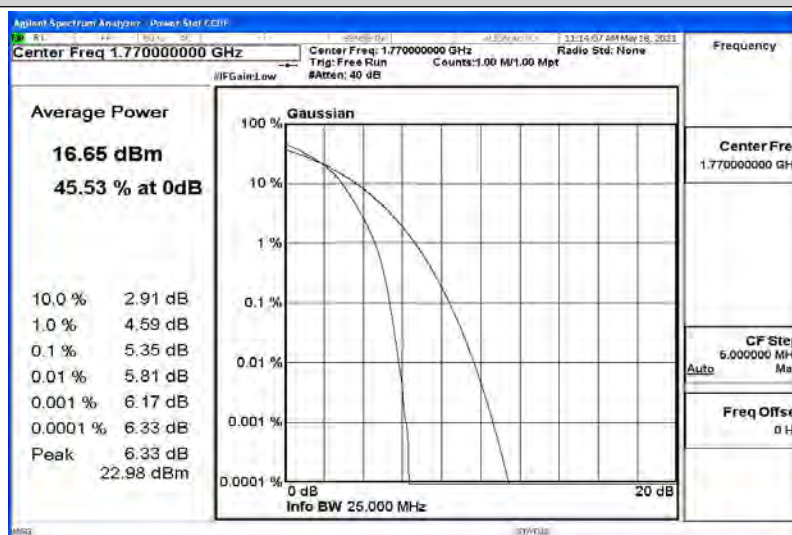
Band66-20MHz-QPSK-132072-100RB#0



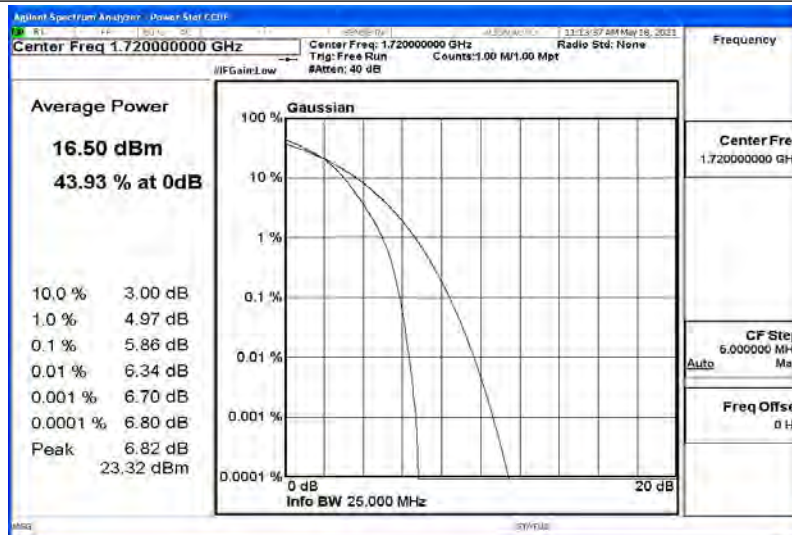
Band66-20MHz-QPSK-132322-100RB#0



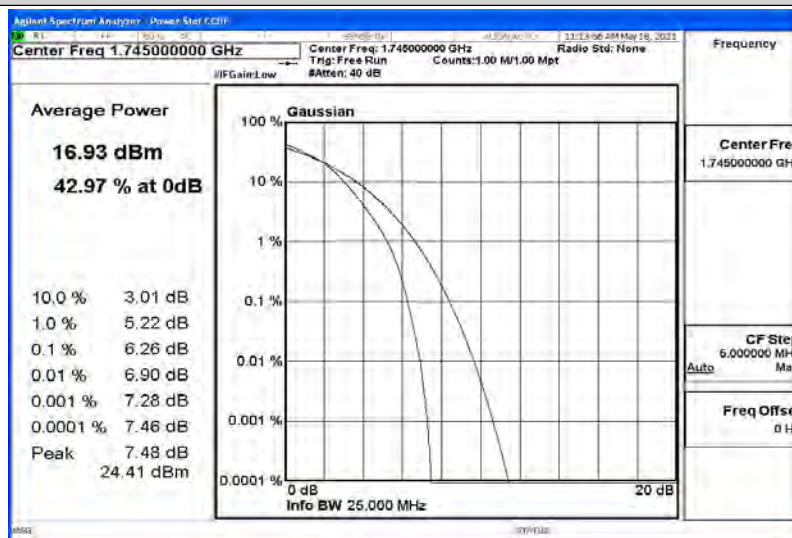
Band66-20MHz-QPSK-132572-100RB#0



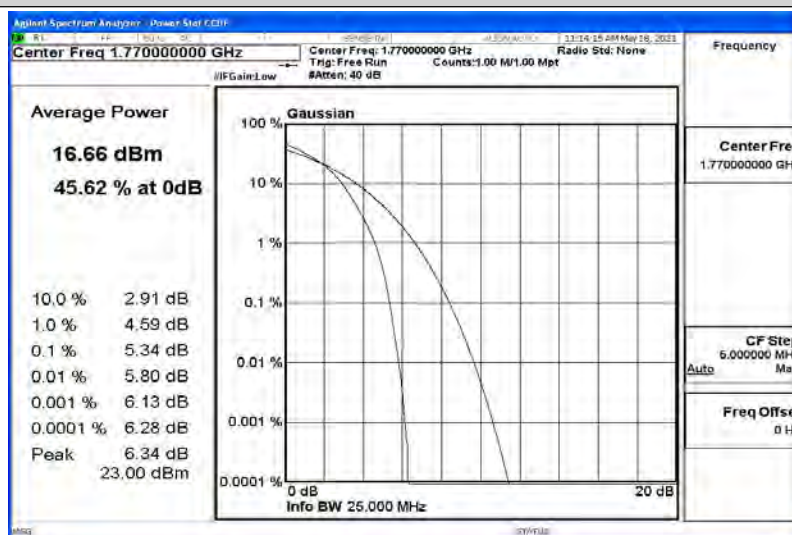
Band66-20MHz-16QAM-132072-100RB#0



Band66-20MHz-16QAM-132322-100RB#0



Band66-20MHz-16QAM-132572-100RB#0



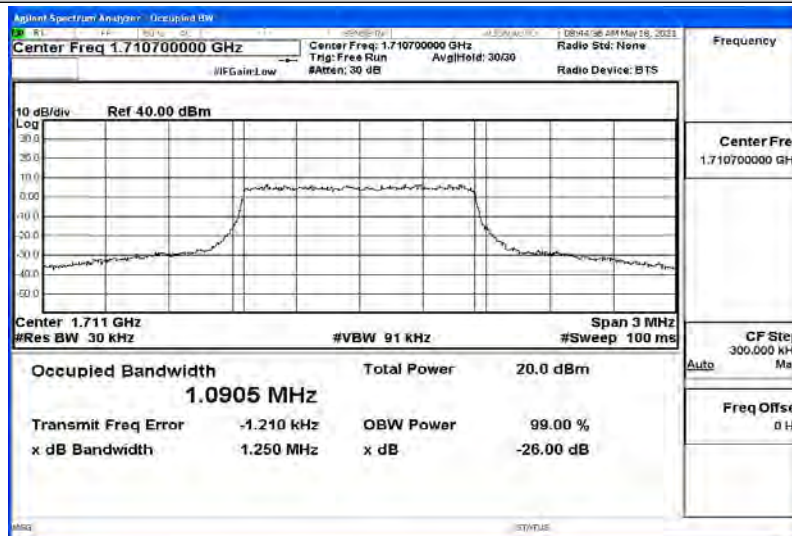
P.3 26dB Bandwidth and Occupied Bandwidth

Test Result

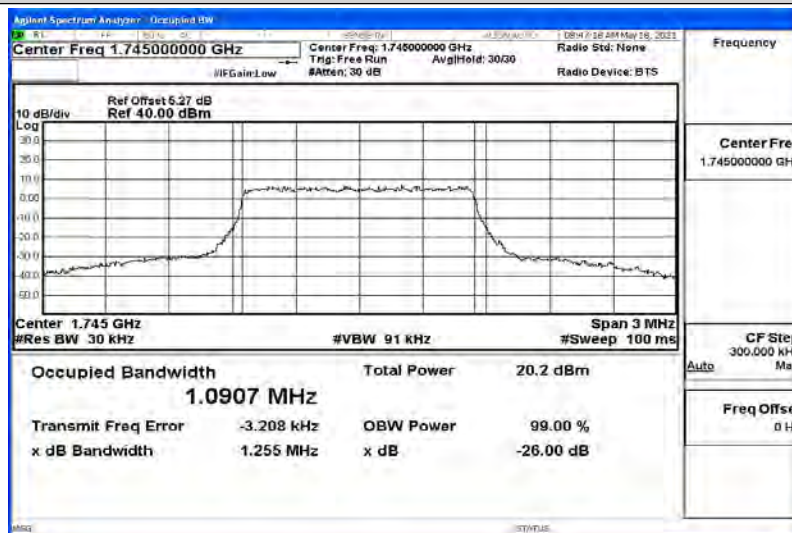
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.0905	1.250	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0907	1.255	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0871	1.249	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.0901	1.268	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.0918	1.262	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0902	1.262	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.7016	2.908	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.7003	2.888	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.6938	2.934	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.7016	2.909	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6886	2.931	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6950	2.929	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5096	4.871	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.5103	4.906	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5014	4.903	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.5112	4.894	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5049	4.863	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.5053	4.911	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.9587	9.542	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.9826	9.582	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.9484	9.536	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.9654	9.522	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.9622	9.547	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.9490	9.523	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.435	14.26	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.474	14.29	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.408	14.26	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.436	14.29	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.469	14.29	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.401	14.26	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.916	18.97	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.963	18.99	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.859	18.96	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.928	19.01	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.974	18.99	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.863	18.96	PASS

Test Graphs

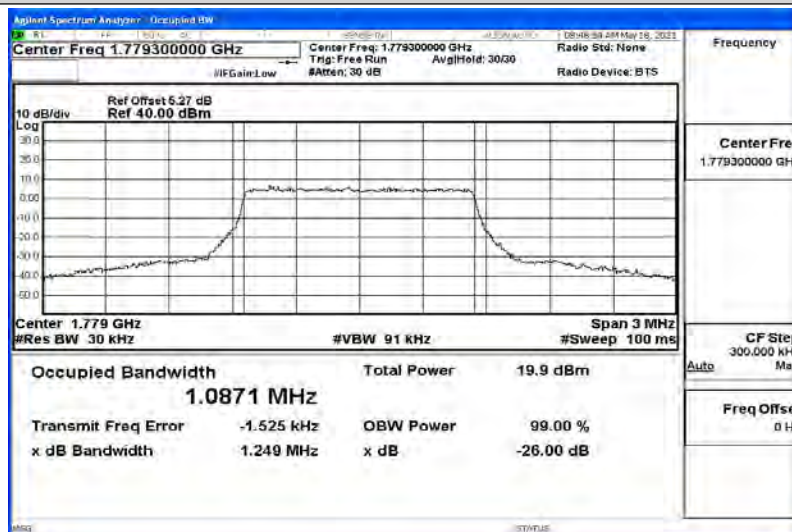
Band66-1.4MHz-QPSK-131979-6RB#0-1.0905



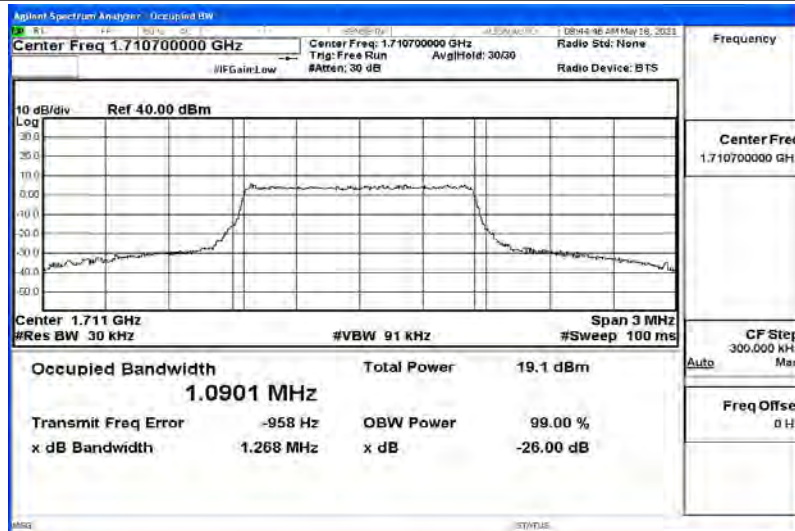
Band66-1.4MHz-QPSK-132322-6RB#0-1.0907



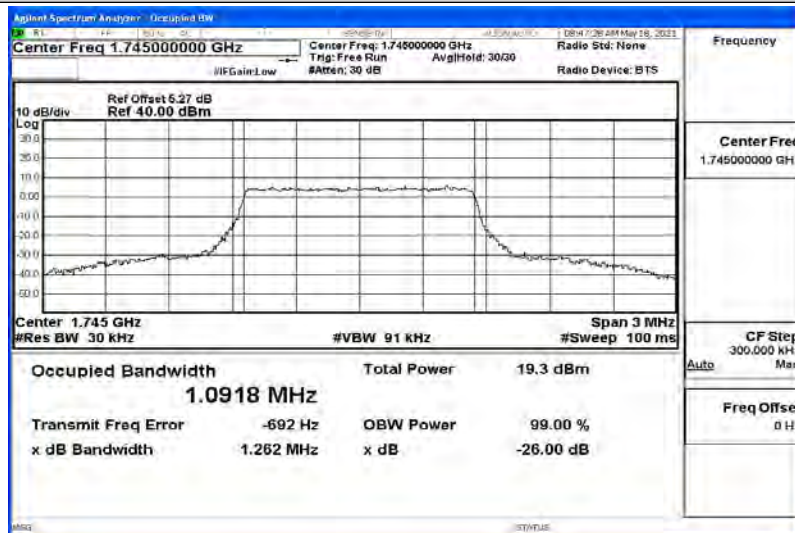
Band66-1.4MHz-QPSK-132665-6RB#0-1.0871



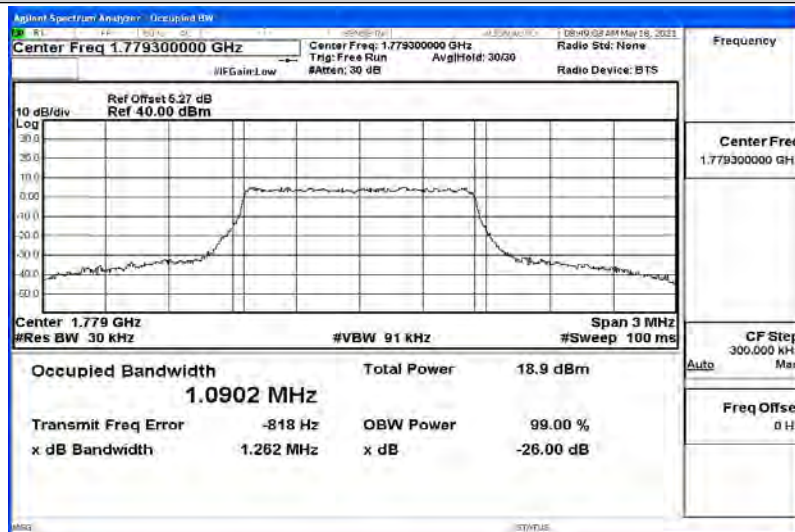
Band66-1.4MHz-16QAM-131979-6RB#0-1.0901



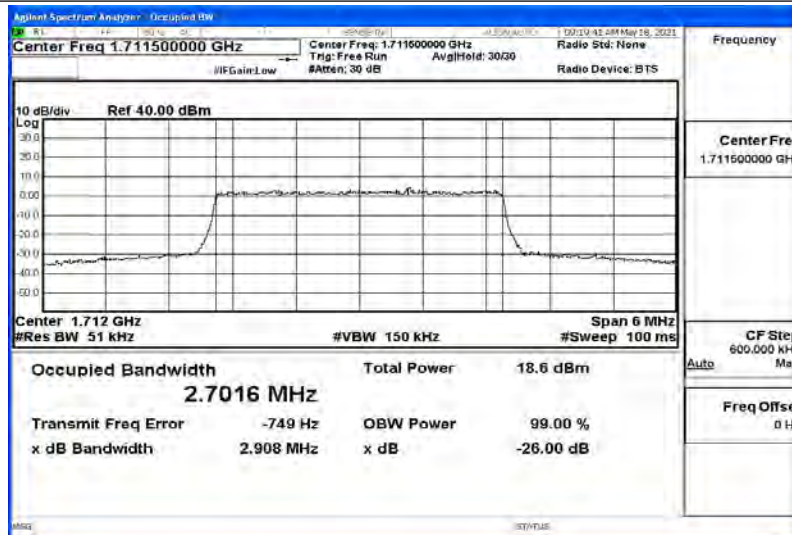
Band66-1.4MHz-16QAM-132322-6RB#0-1.0918



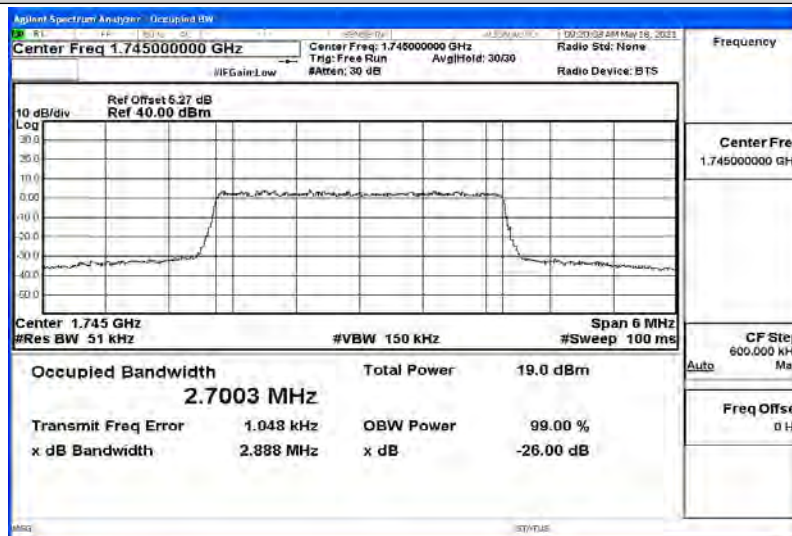
Band66-1.4MHz-16QAM-132665-6RB#0-1.0902



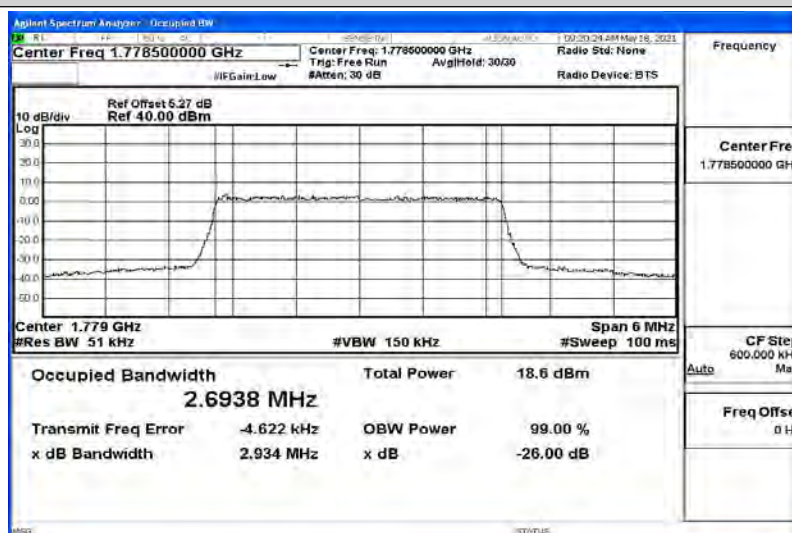
Band66-3MHz-QPSK-131987-15RB#0-2.7016



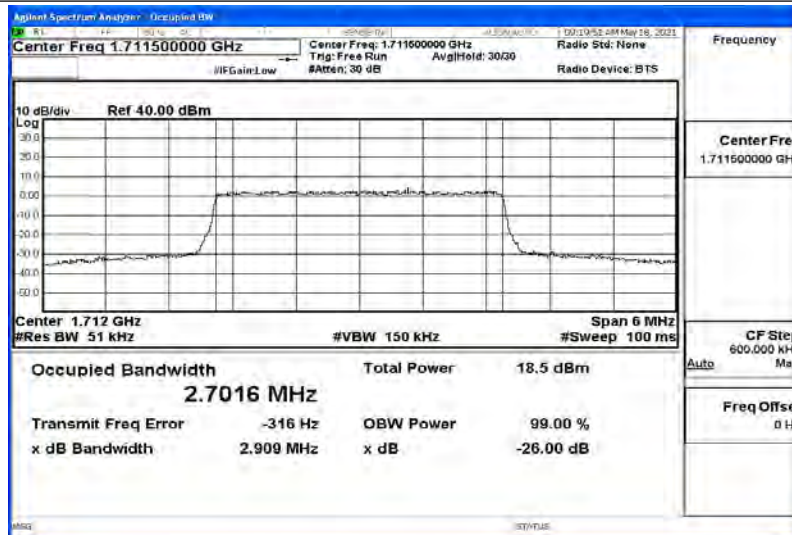
Band66-3MHz-QPSK-132322-15RB#0-2.7003



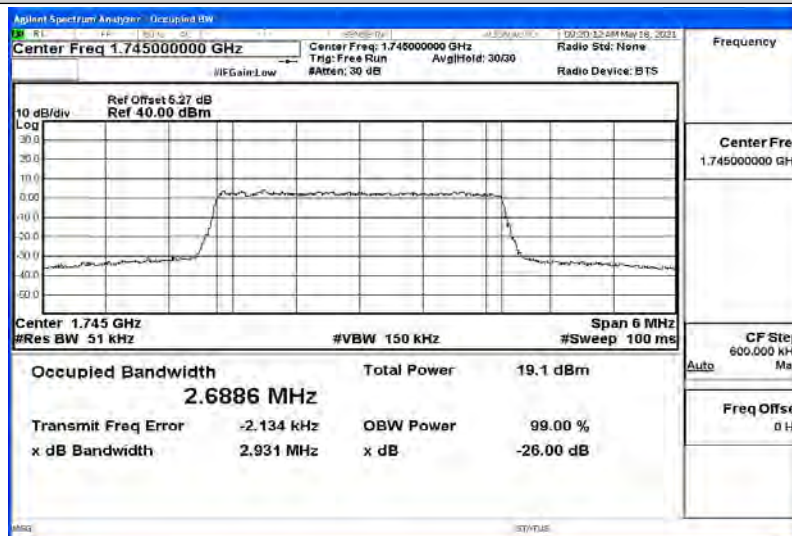
Band66-3MHz-QPSK-132657-15RB#0-2.6938



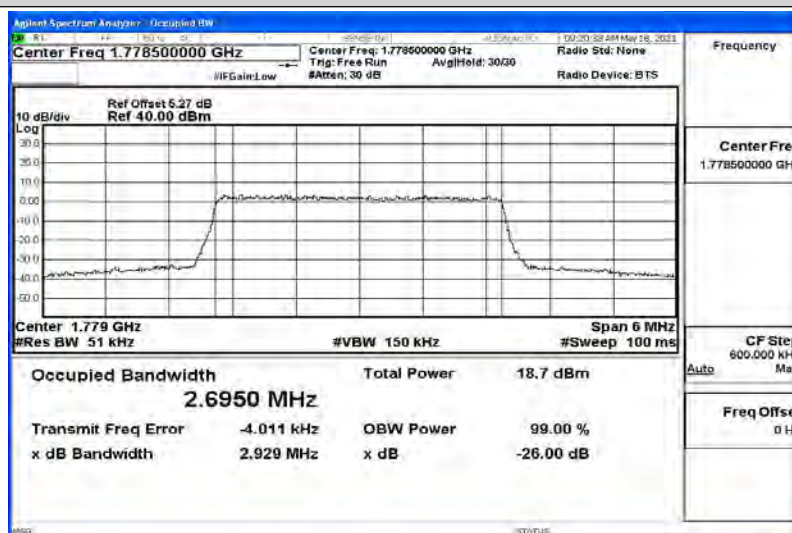
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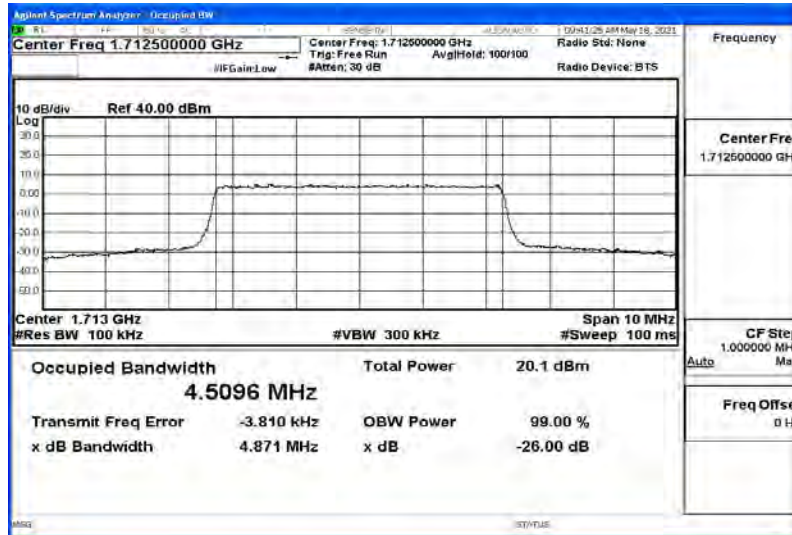
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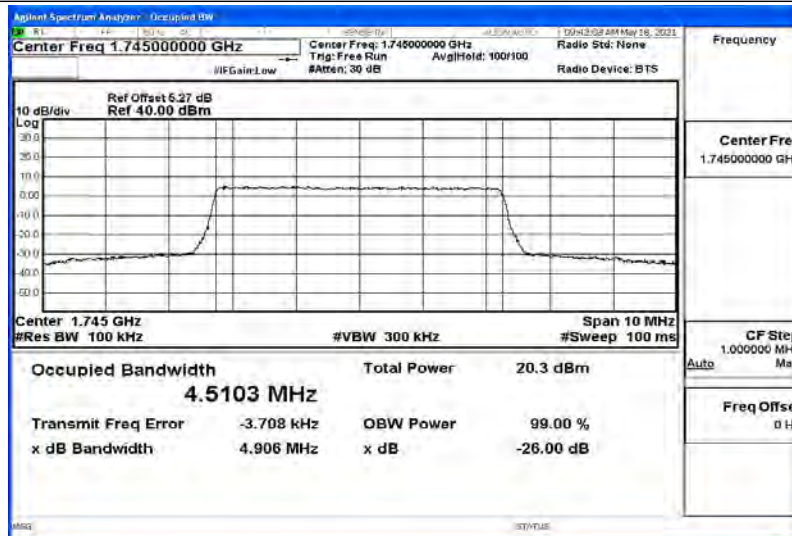
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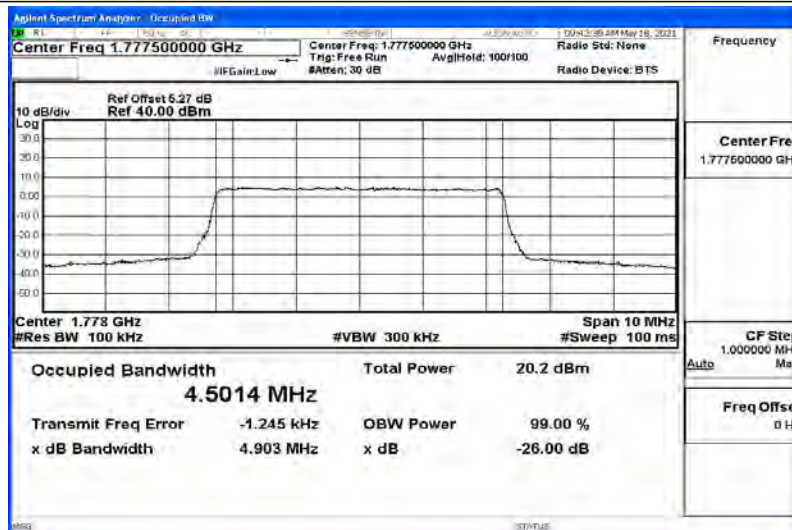
Band66-5MHz-QPSK-131997-25RB#0-4.5096



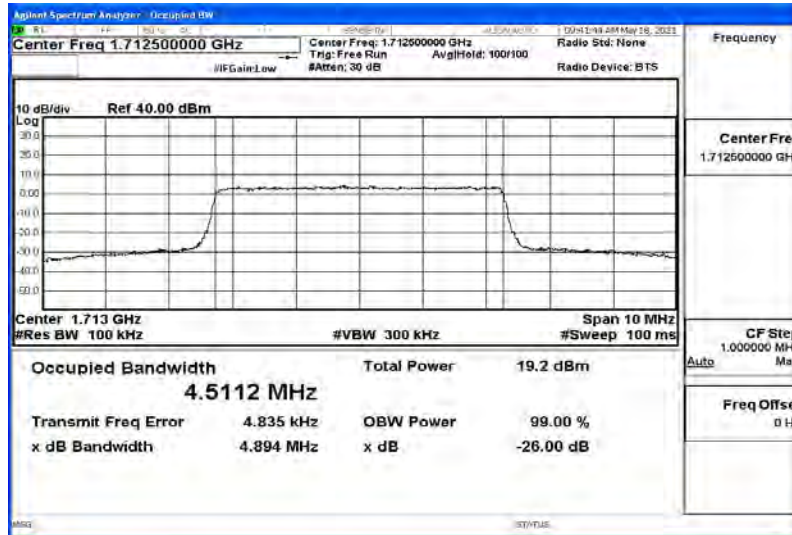
Band66-5MHz-QPSK-132322-25RB#0-4.5103



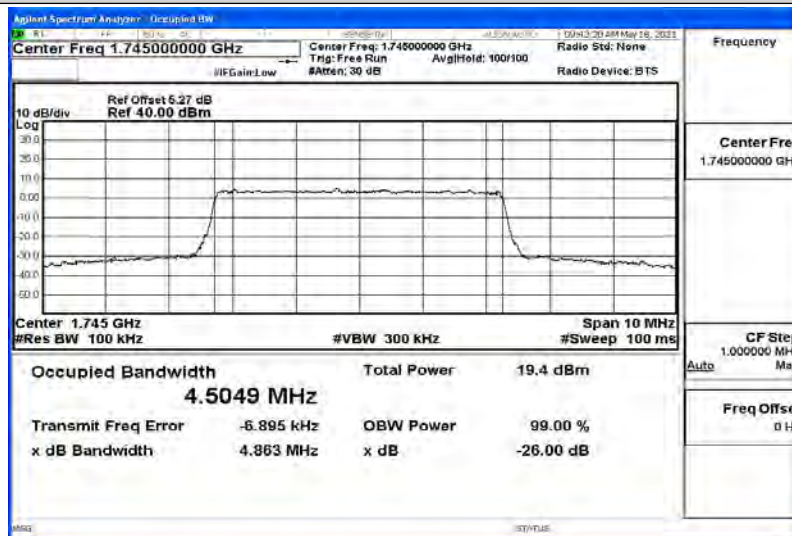
Band66-5MHz-QPSK-132647-25RB#0-4.5014



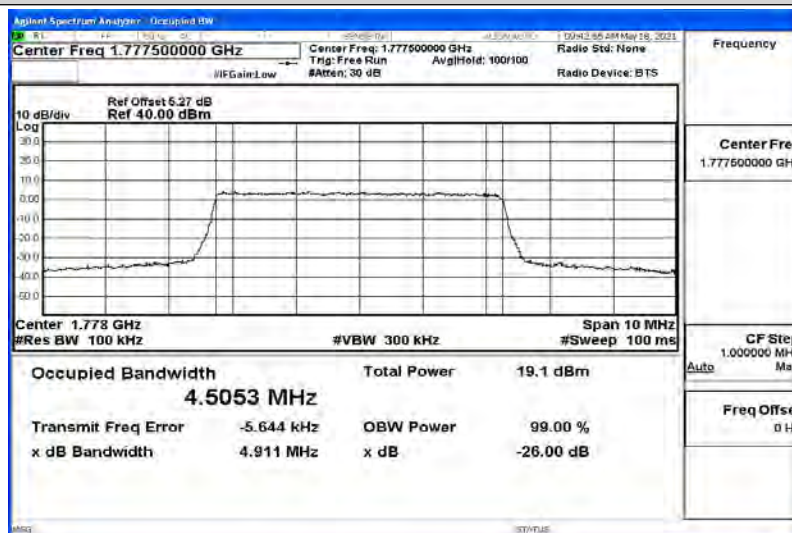
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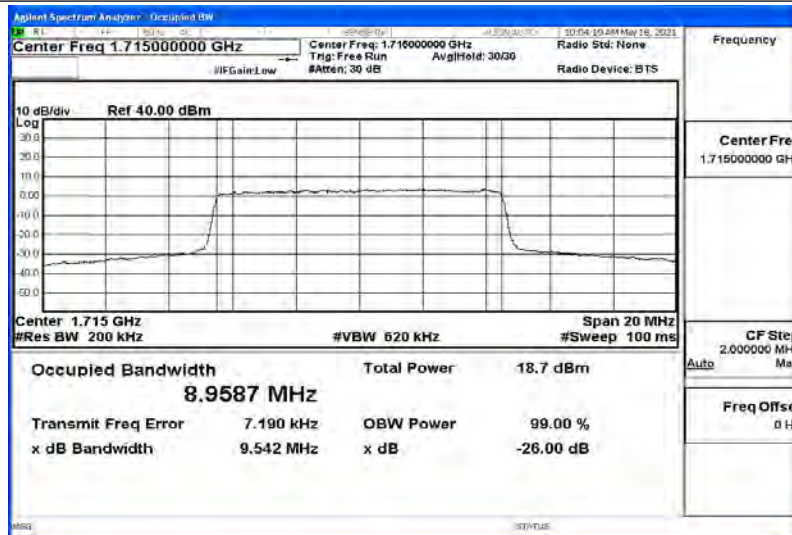
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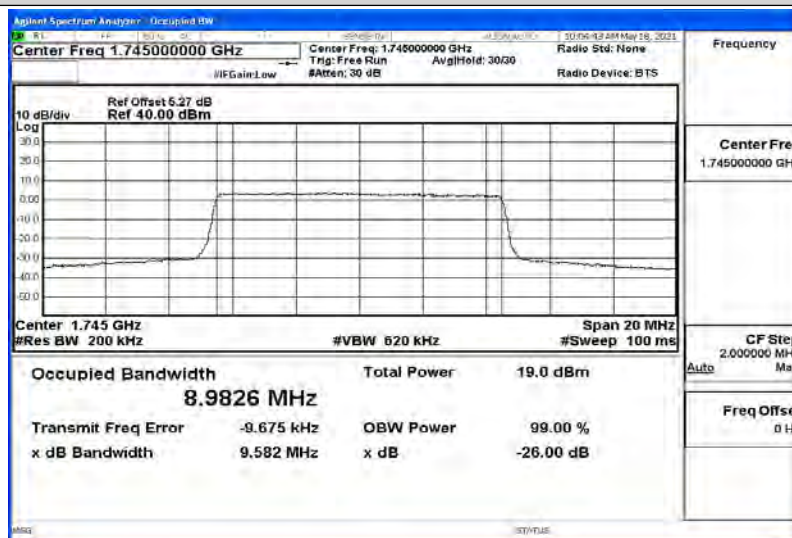
Band66-5MHz-16QAM-132647-25RB#0-4.5053



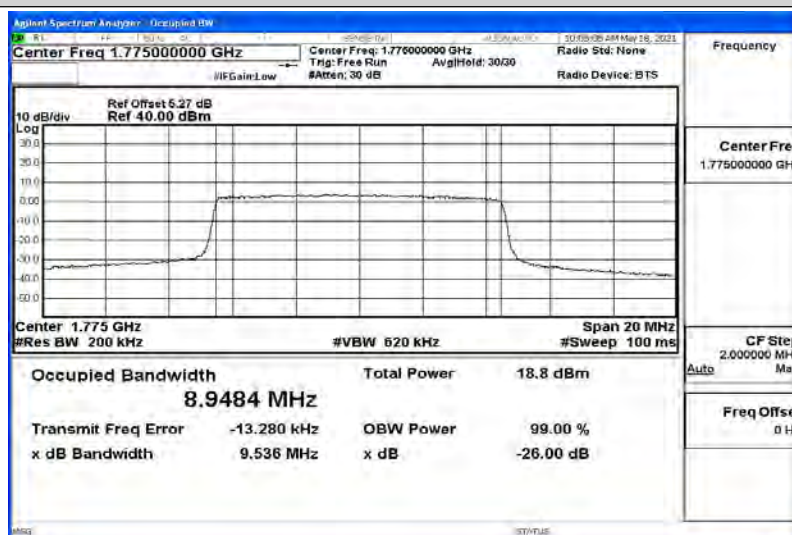
Band66-10MHz-QPSK-132022-50RB#0-8.9587



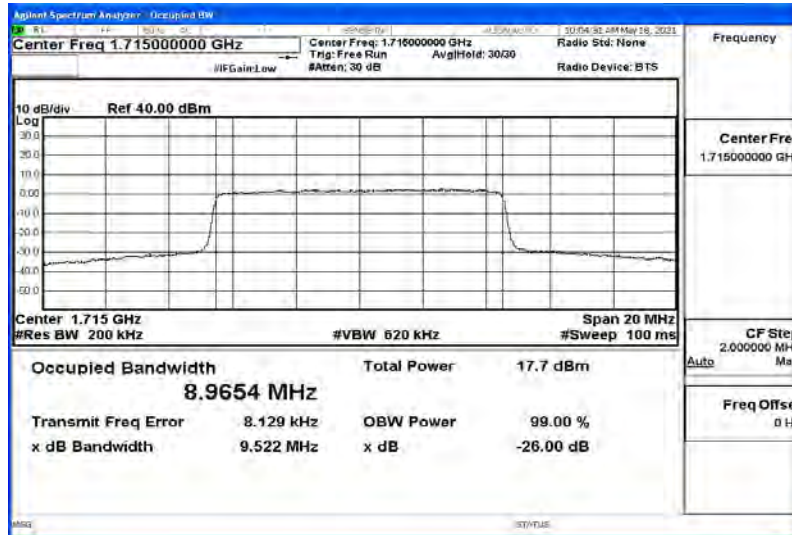
Band66-10MHz-QPSK-132322-50RB#0-8.9826



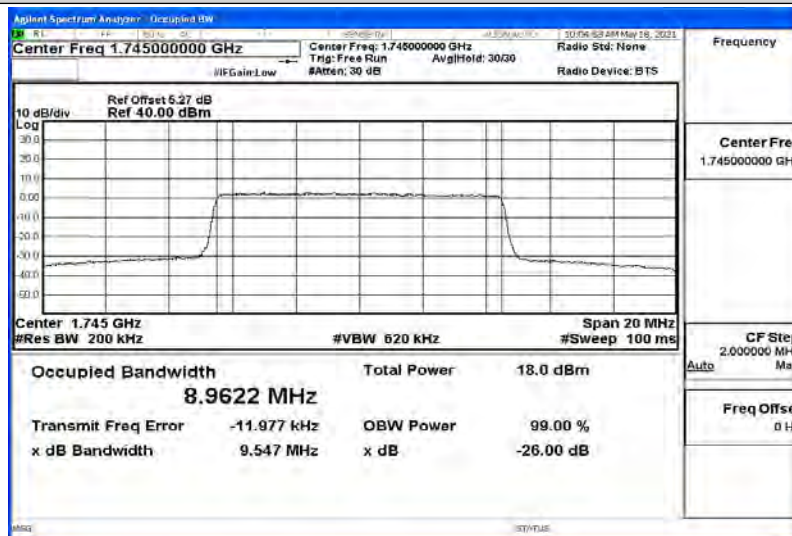
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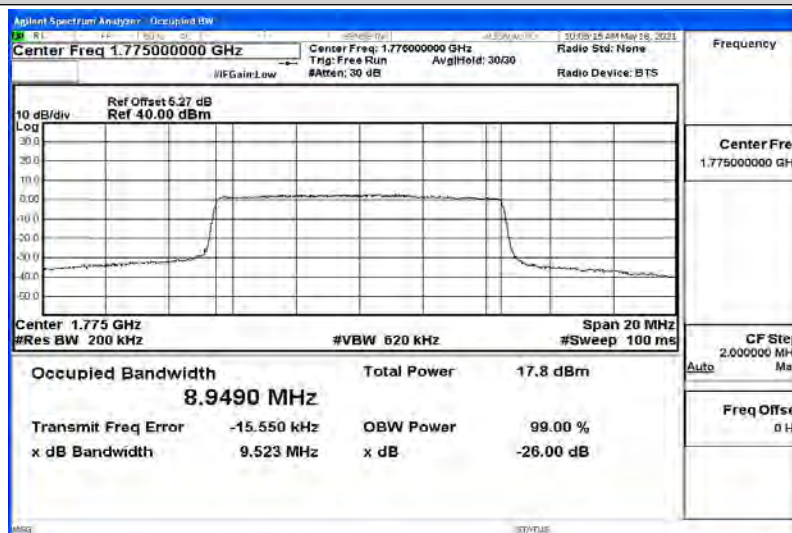
Band66-10MHz-16QAM-132022-50RB#0-8.9654



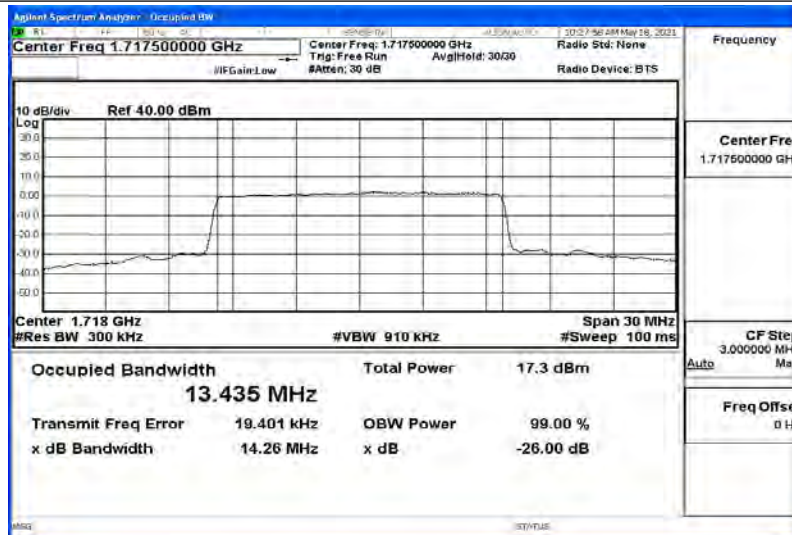
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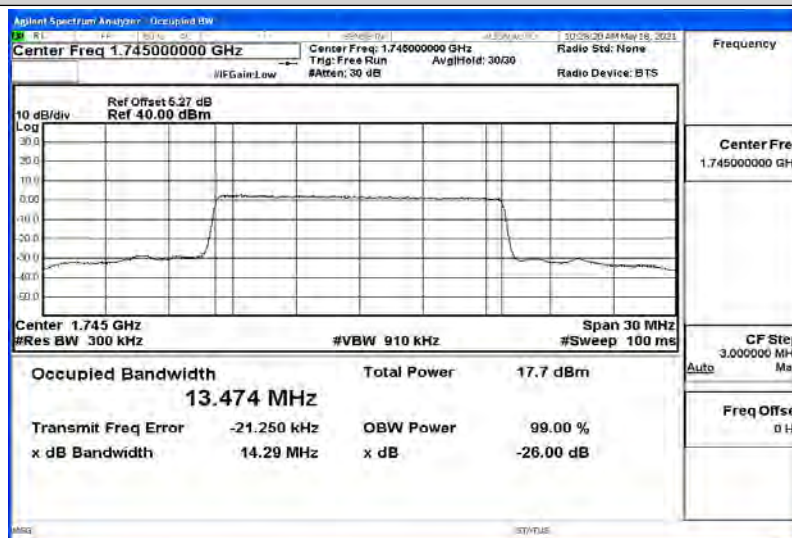
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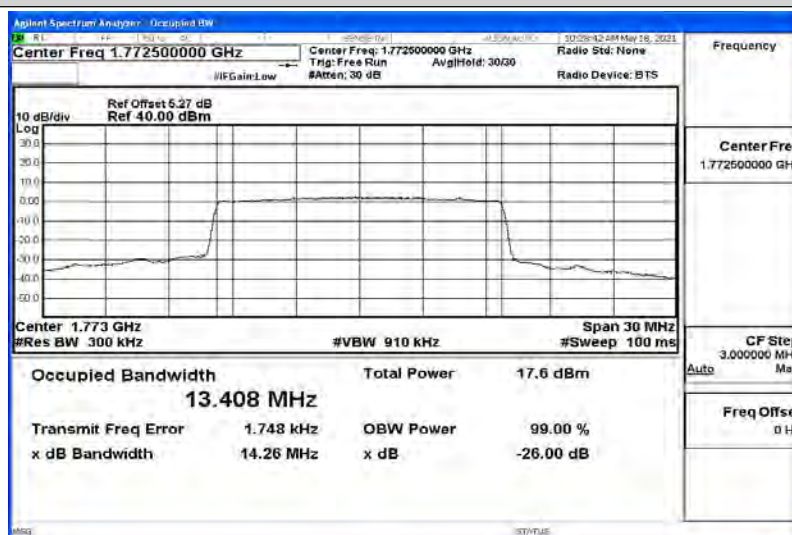
Band66-15MHz-QPSK-132047-75RB#0-13.435



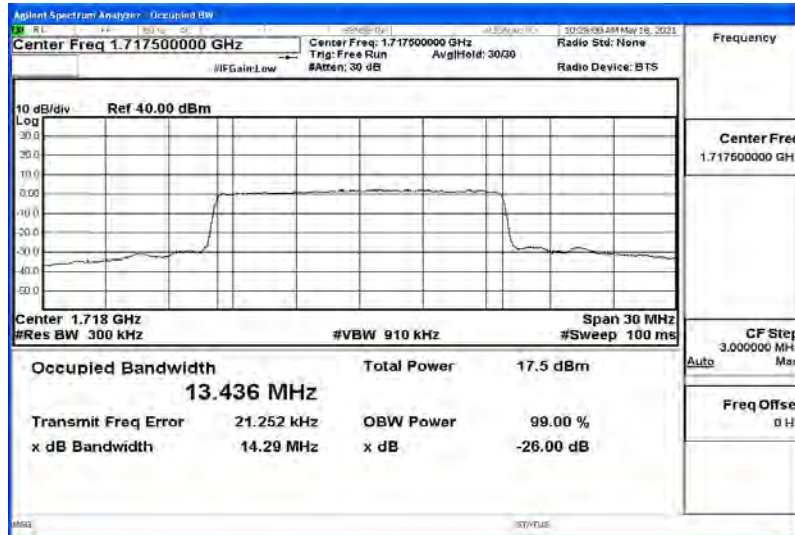
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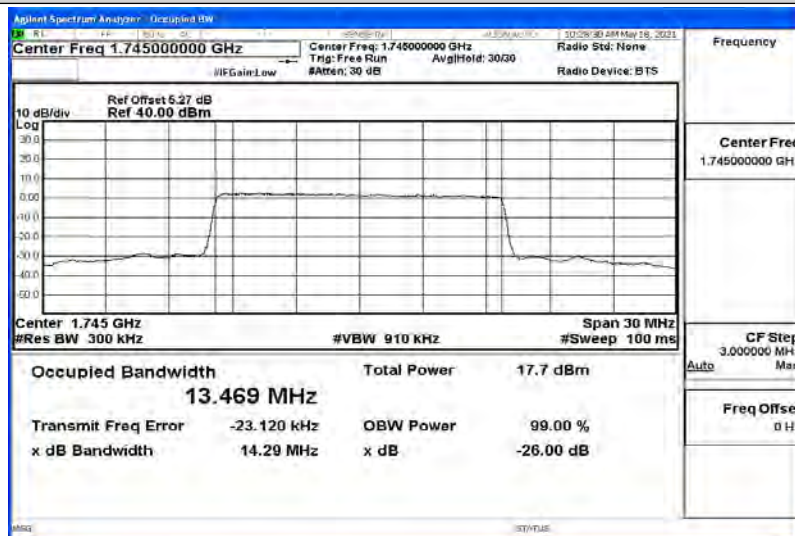
Band66-15MHz-QPSK-132597-75RB#0-13.408



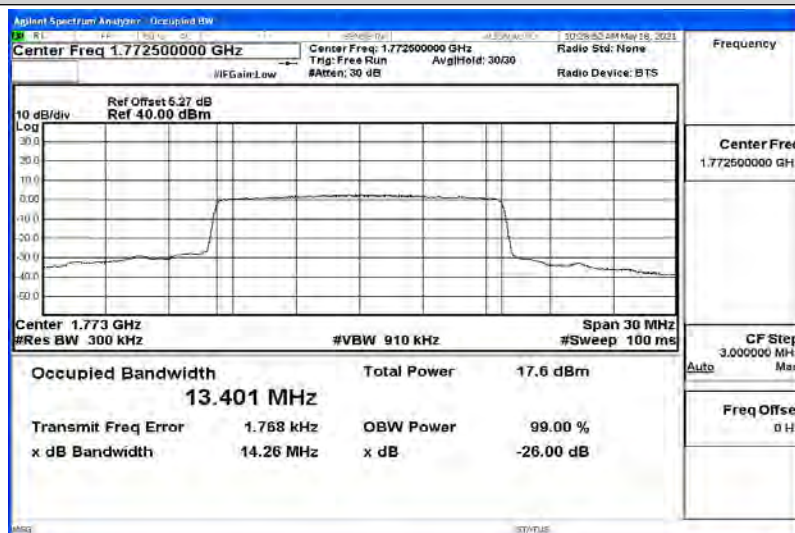
Band66-15MHz-16QAM-132047-75RB#0-13.436



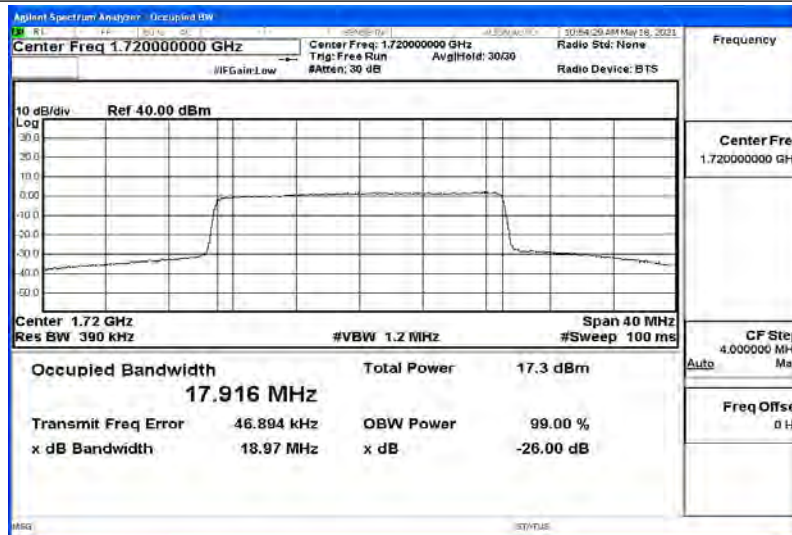
Band66-15MHz-16QAM-132322-75RB#0-13.469



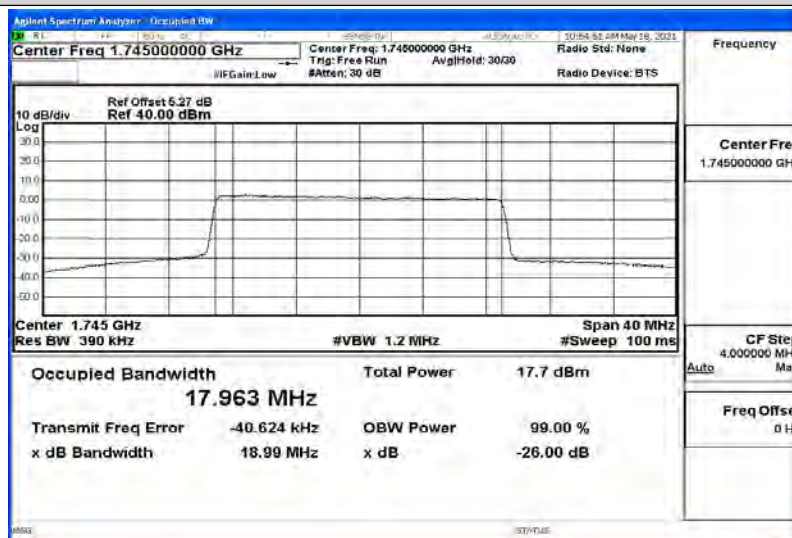
Band66-15MHz-16QAM-132597-75RB#0-13.401



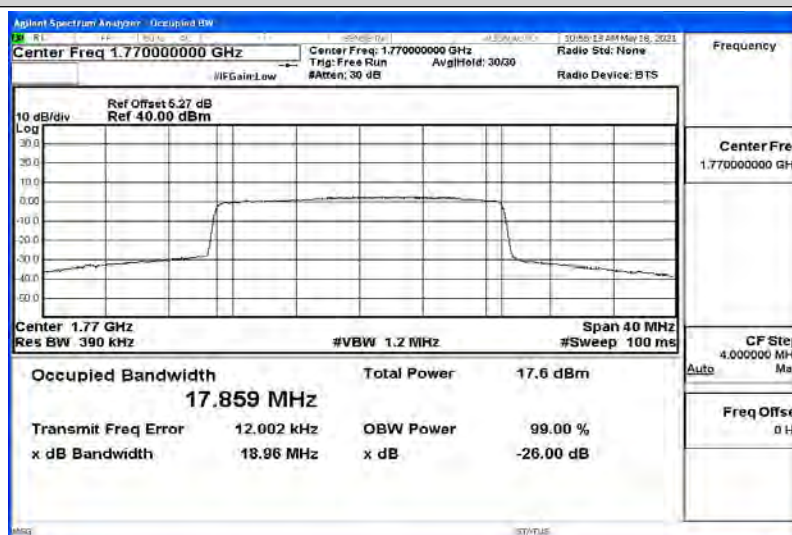
Band66-20MHz-QPSK-132072-100RB#0-17.916



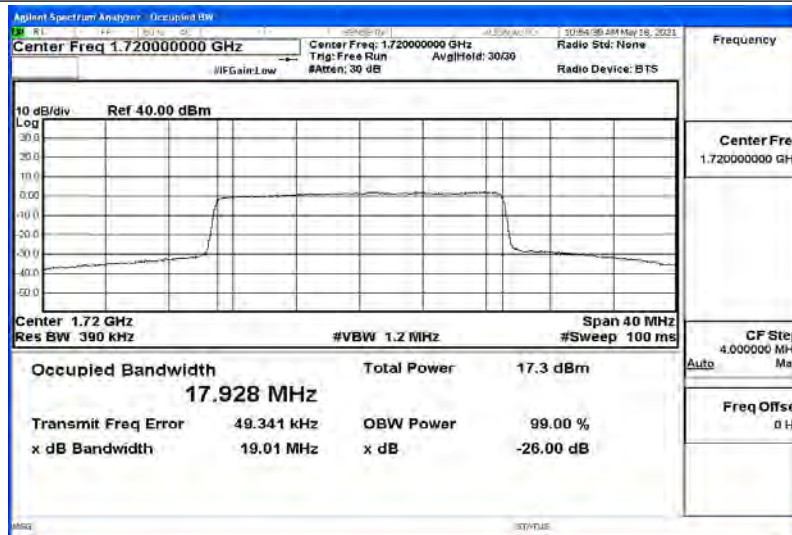
Band66-20MHz-QPSK-132322-100RB#0-17.963



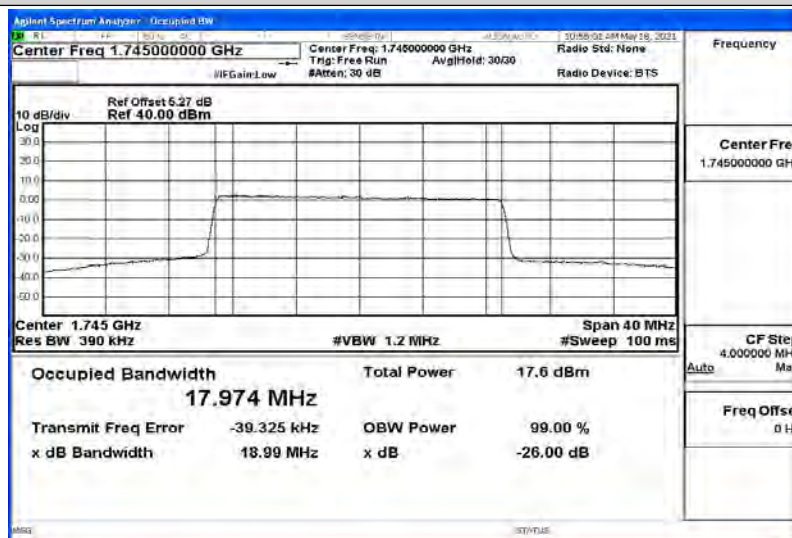
Band66-20MHz-QPSK-132572-100RB#0-17.859



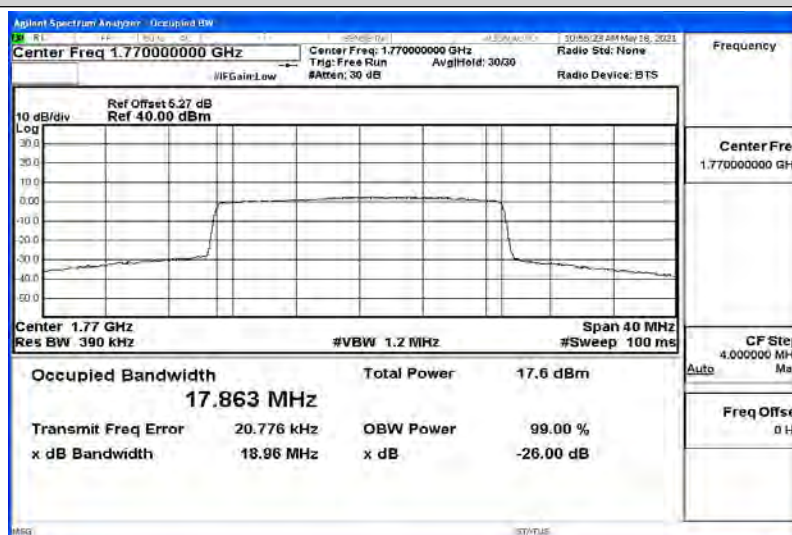
Band66-20MHz-16QAM-132072-100RB#0-17.928



Band66-20MHz-16QAM-132322-100RB#0-17.974



Band66-20MHz-16QAM-132572-100RB#0-17.863



P.4 Band Edge

Test Result

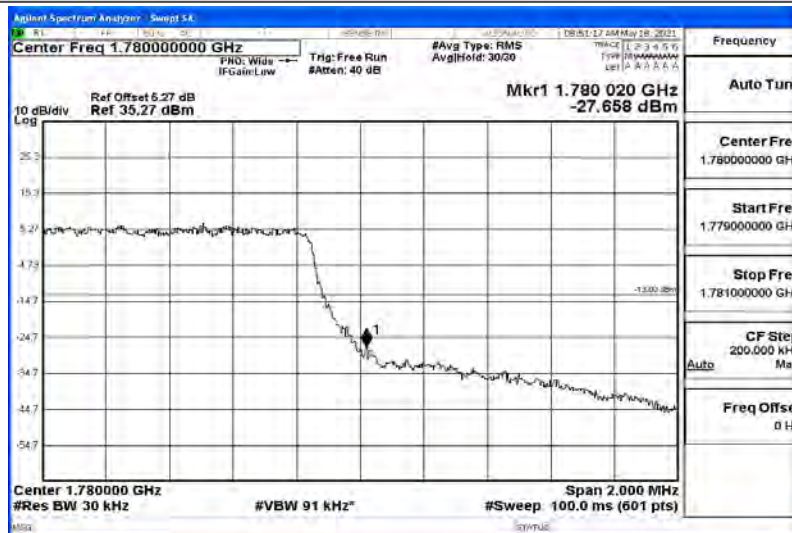
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	-26.24	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-27.66	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-25.89	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-28.41	PASS
Band66	3MHz	QPSK	131987	15RB#0	-26.47	PASS
Band66	3MHz	QPSK	132657	15RB#0	-26.23	PASS
Band66	3MHz	16QAM	131987	15RB#0	-26.93	PASS
Band66	3MHz	16QAM	132657	15RB#0	-25.60	PASS
Band66	5MHz	QPSK	131997	25RB#0	-24.54	PASS
Band66	5MHz	QPSK	132647	25RB#0	-25.78	PASS
Band66	5MHz	16QAM	131997	25RB#0	-25.51	PASS
Band66	5MHz	16QAM	132647	25RB#0	-27.43	PASS
Band66	10MHz	QPSK	132022	50RB#0	-27.12	PASS
Band66	10MHz	QPSK	132622	50RB#0	-28.89	PASS
Band66	10MHz	16QAM	132022	50RB#0	-29.37	PASS
Band66	10MHz	16QAM	132622	50RB#0	-29.99	PASS
Band66	15MHz	QPSK	132047	75RB#0	-28.76	PASS
Band66	15MHz	QPSK	132597	75RB#0	-29.72	PASS
Band66	15MHz	16QAM	132047	75RB#0	-28.81	PASS
Band66	15MHz	16QAM	132597	75RB#0	-29.75	PASS
Band66	20MHz	QPSK	132072	100RB#0	-31.28	PASS
Band66	20MHz	QPSK	132572	100RB#0	-29.22	PASS
Band66	20MHz	16QAM	132072	100RB#0	-30.93	PASS
Band66	20MHz	16QAM	132572	100RB#0	-29.04	PASS

Test Graphs

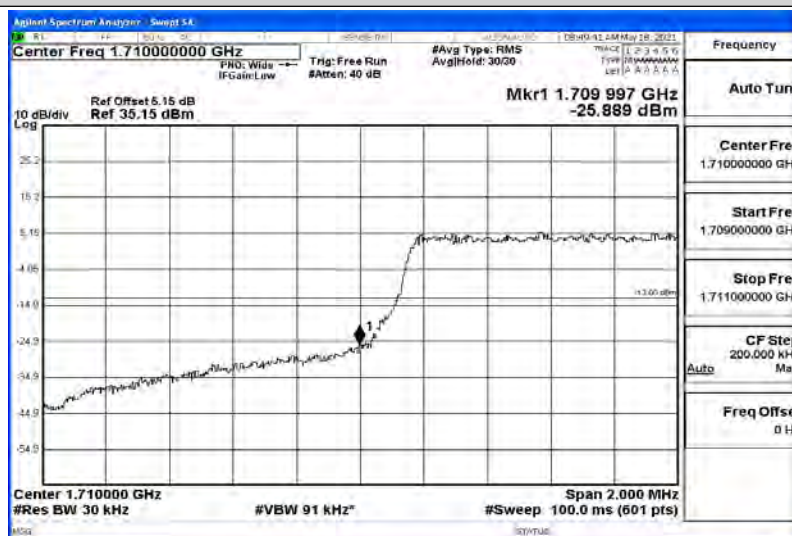
Band66-1.4MHz-QPSK-131979-6RB#0



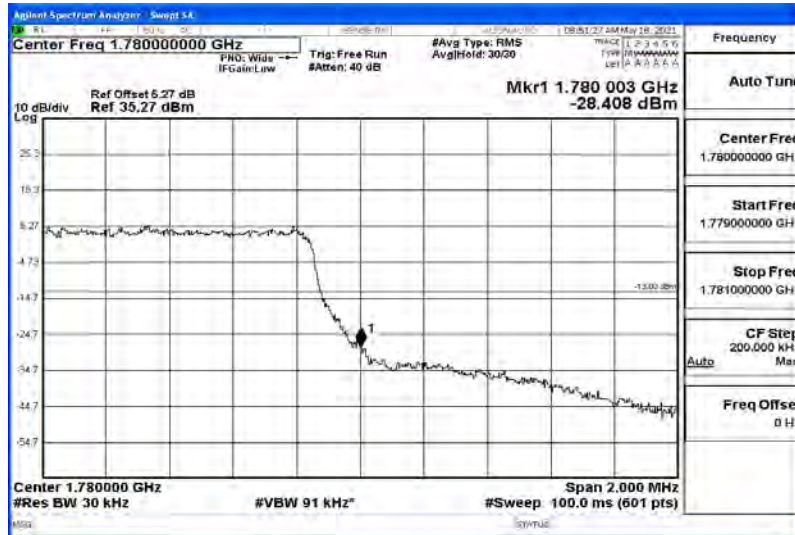
Band66-1.4MHz-QPSK-132665-6RB#0



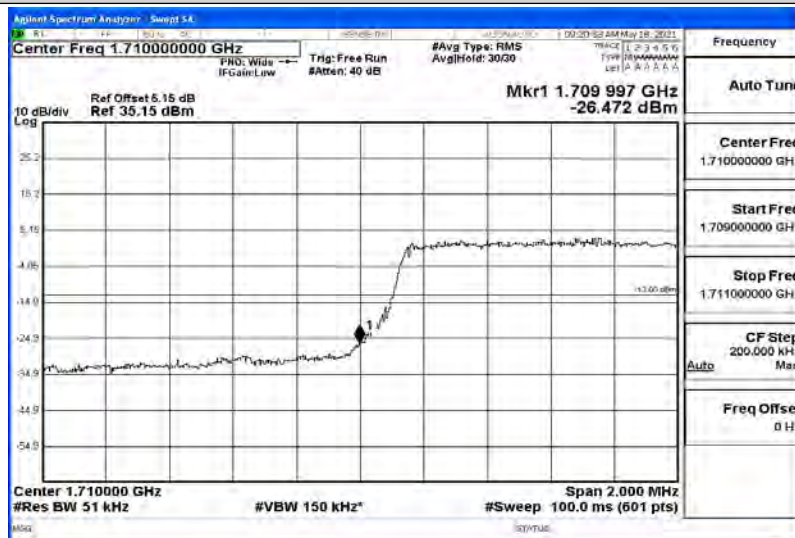
Band66-1.4MHz-16QAM-131979-6RB#0



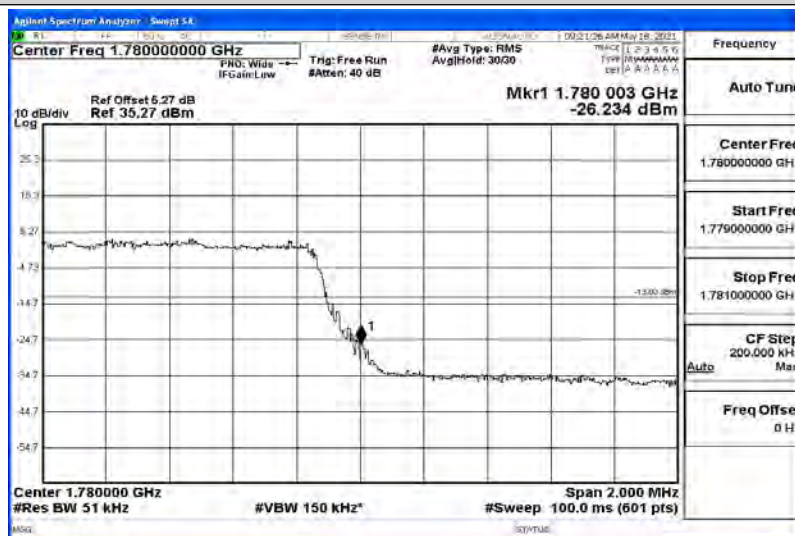
Band66-1.4MHz-16QAM-132665-6RB#0



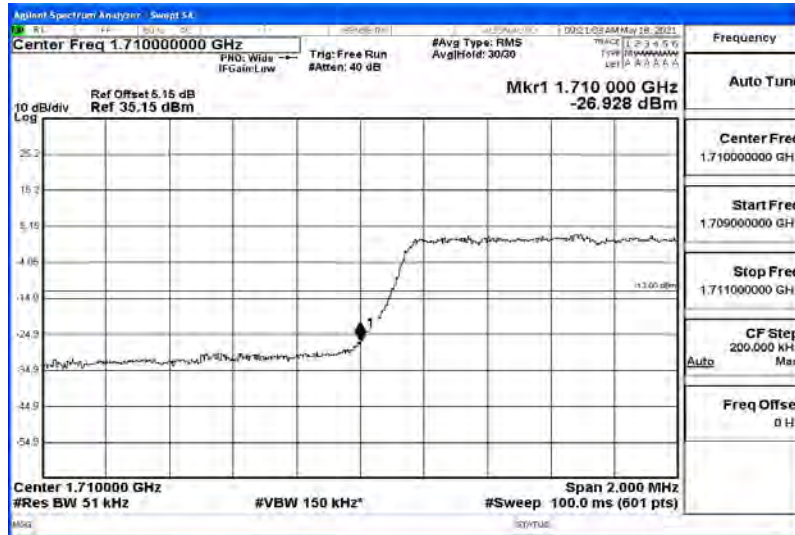
Band66-3MHz-QPSK-131987-15RB#0



Band66-3MHz-QPSK-132657-15RB#0



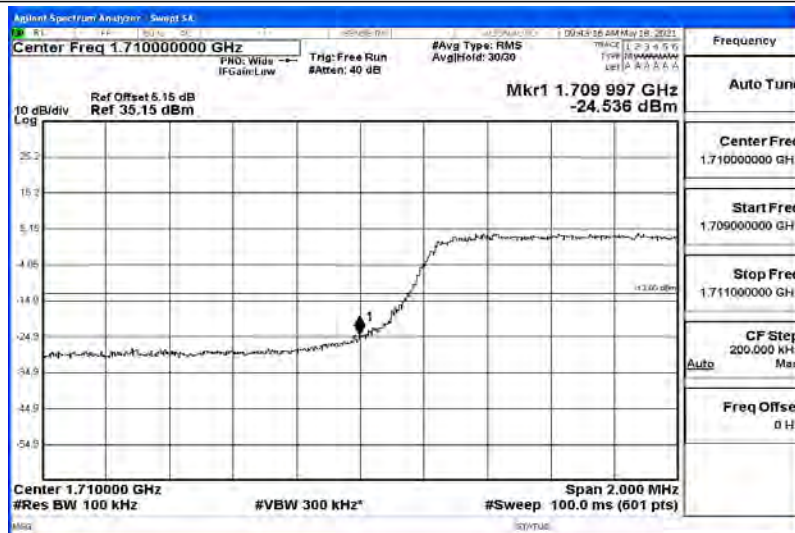
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Band66-3MHz-16QAM-132657-15RB#0



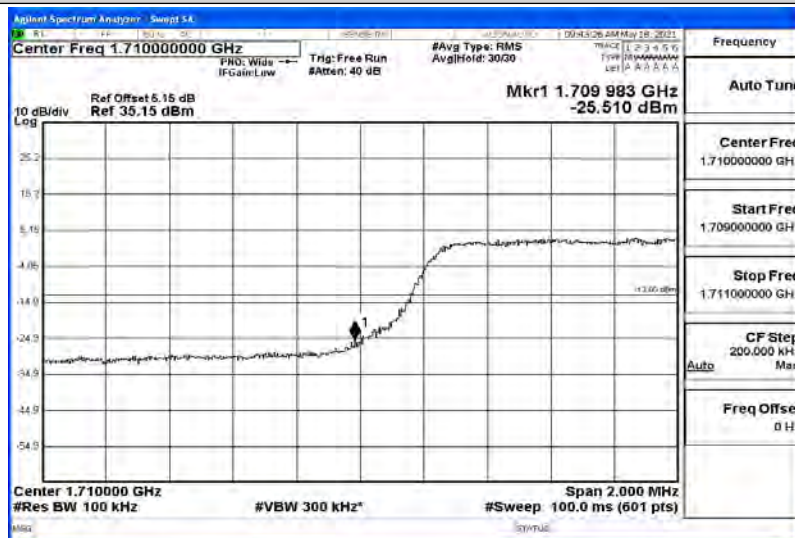
Band66-5MHz-QPSK-131997-25RB#0



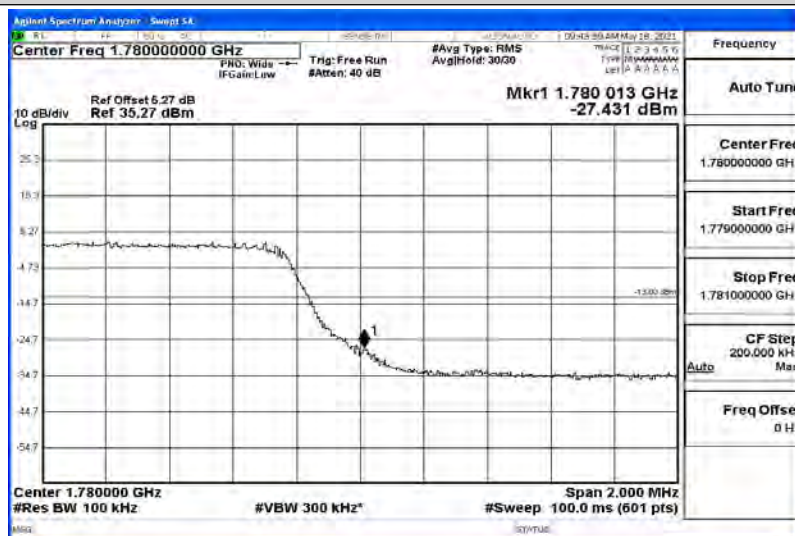
Band66-5MHz-QPSK-132647-25RB#0



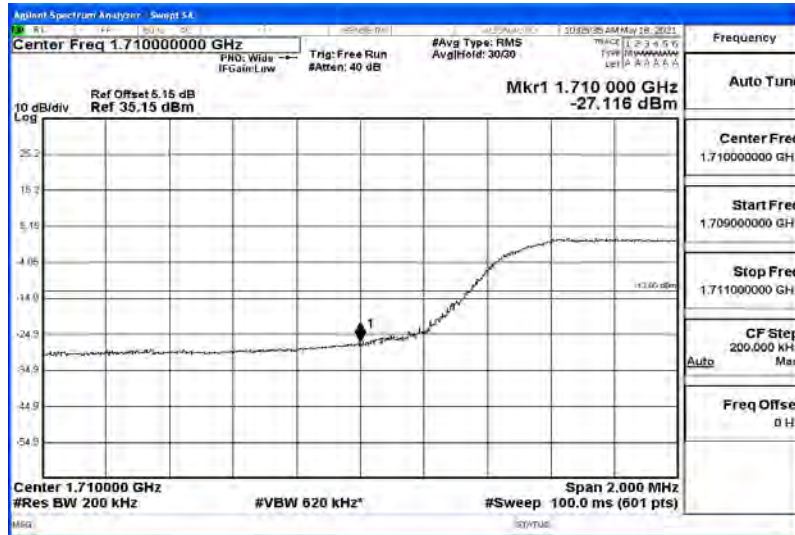
Band66-5MHz-16QAM-131997-25RB#0



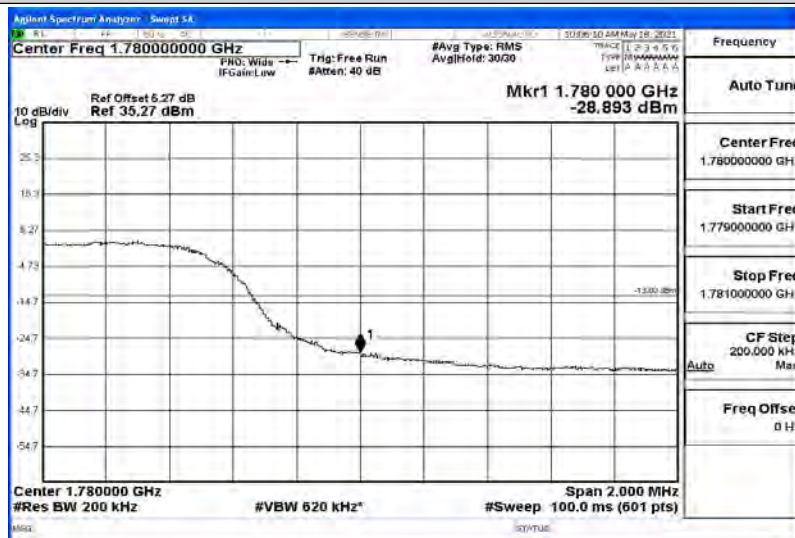
Band66-5MHz-16QAM-132647-25RB#0



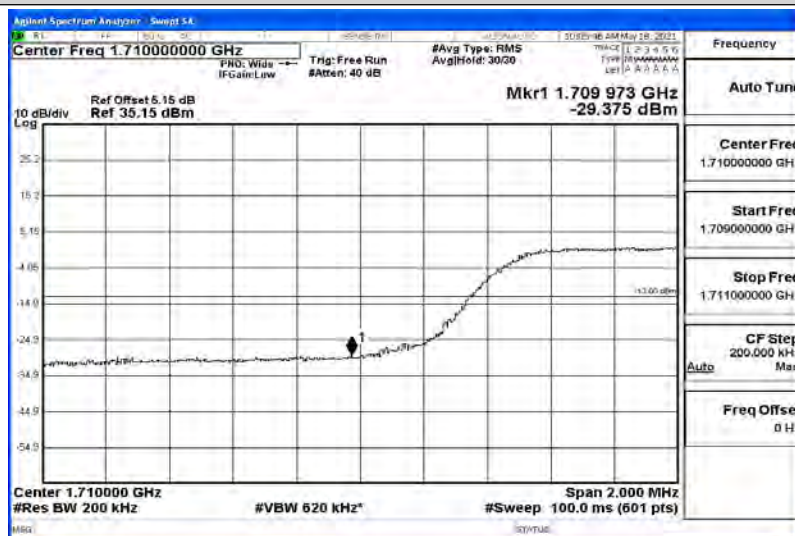
Band66-10MHz-QPSK-132022-50RB#0



Band66-10MHz-QPSK-132622-50RB#0



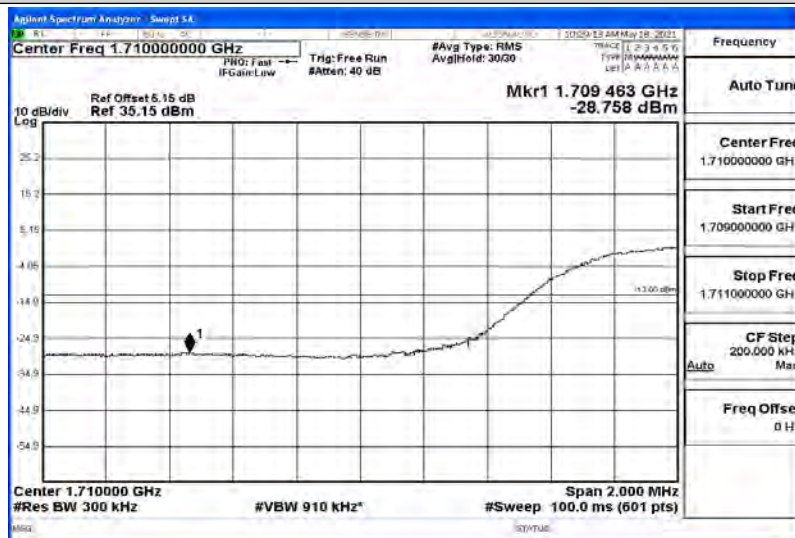
Band66-10MHz-16QAM-132022-50RB#0



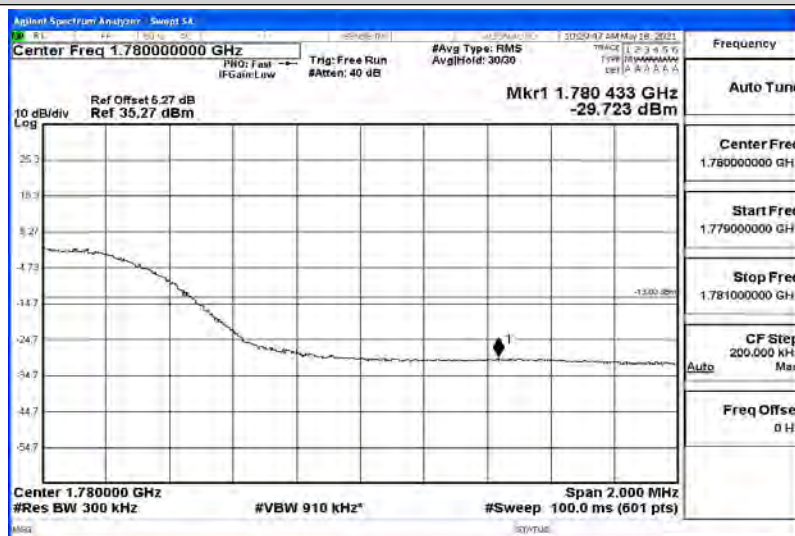
Band66-10MHz-16QAM-132622-50RB#0



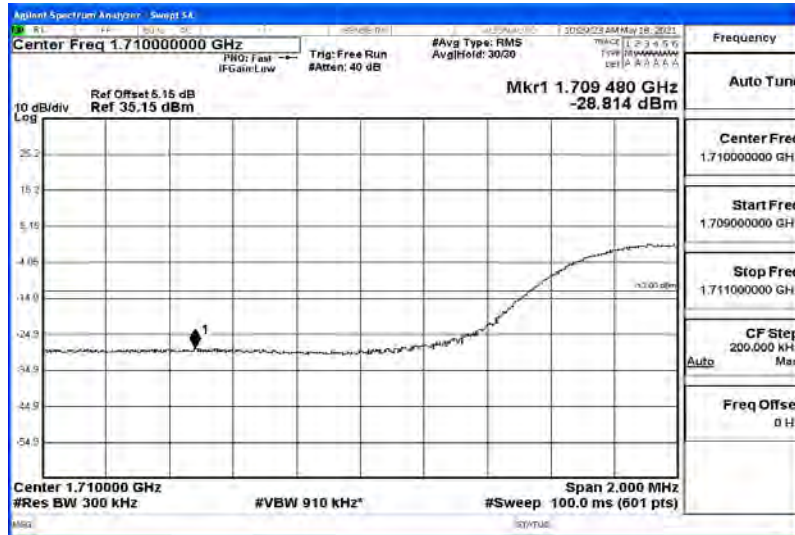
Band66-15MHz-QPSK-132047-75RB#0



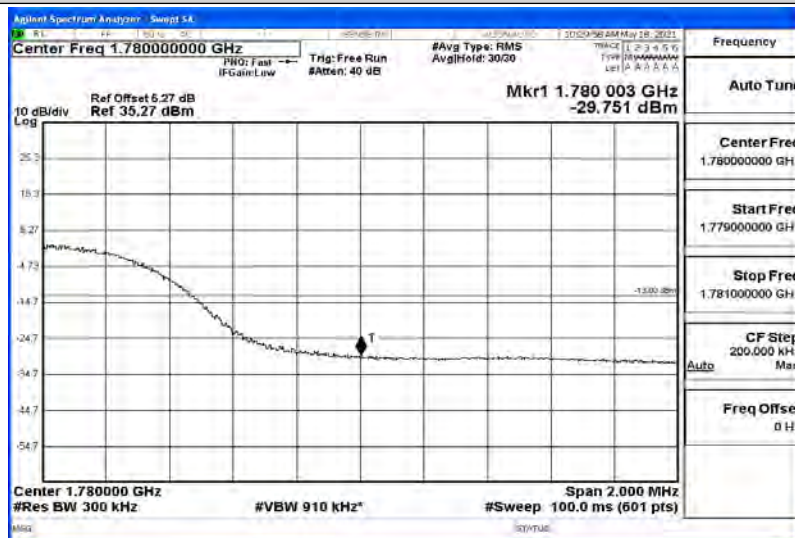
Band66-15MHz-QPSK-132597-75RB#0



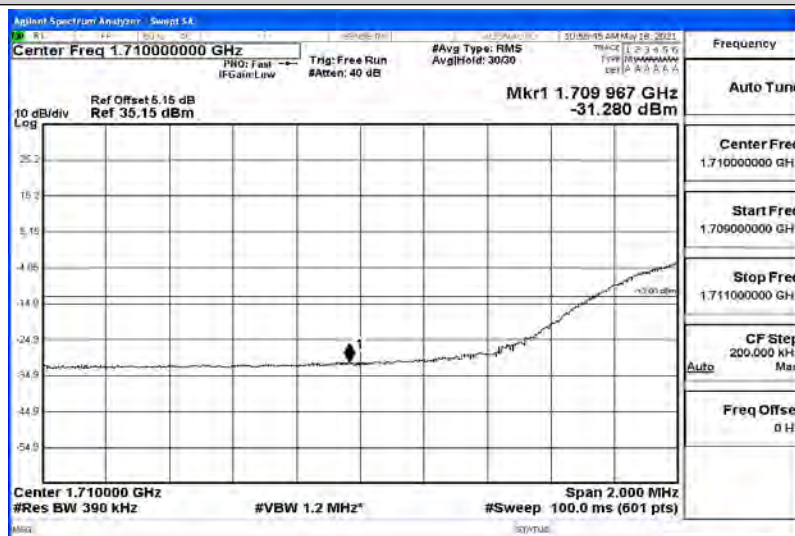
Band66-15MHz-16QAM-132047-75RB#0



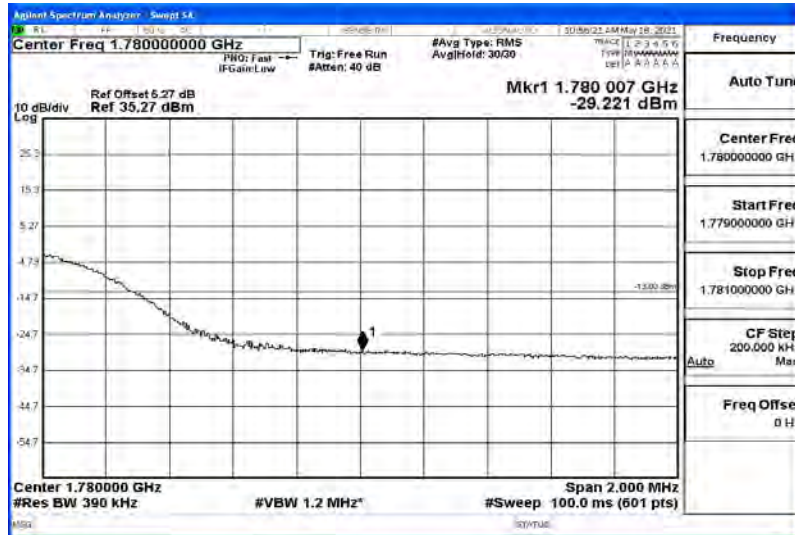
Band66-15MHz-16QAM-132597-75RB#0



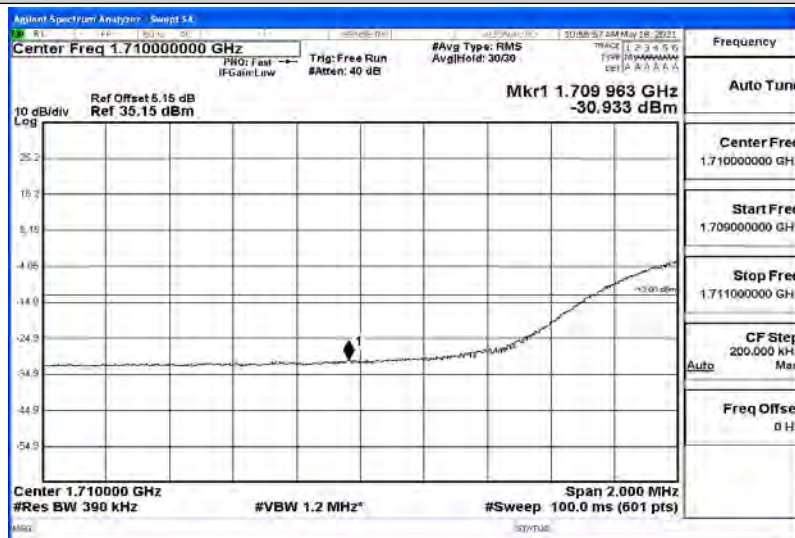
Band66-20MHz-QPSK-132072-100RB#0



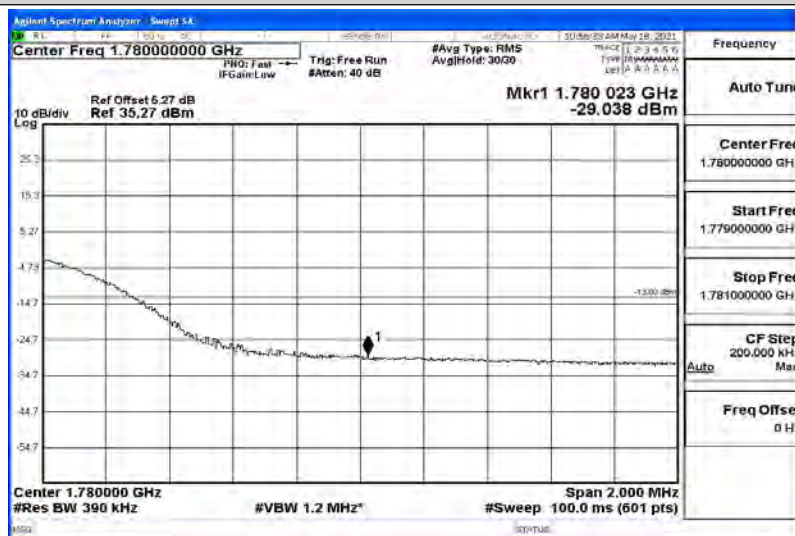
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Band66-20MHz-16QAM-132072-100RB#0



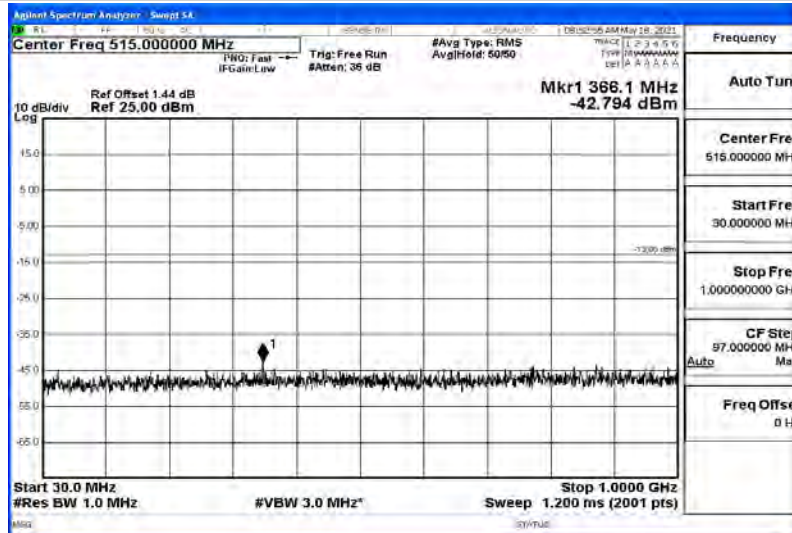
Band66-20MHz-16QAM-132572-100RB#0



P.5 Conducted Spurious Emission

Test Graphs

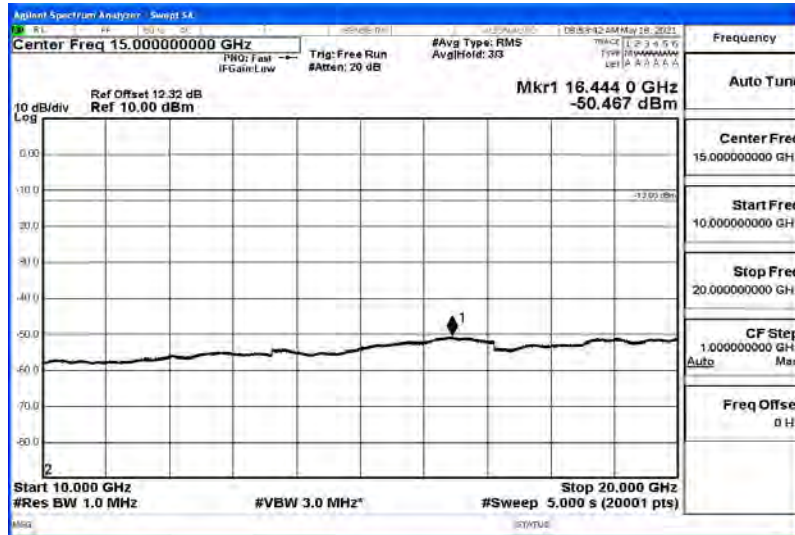
Band66-1.4MHz-QPSK-131979-1RB#0-Range1:30~1000MHz



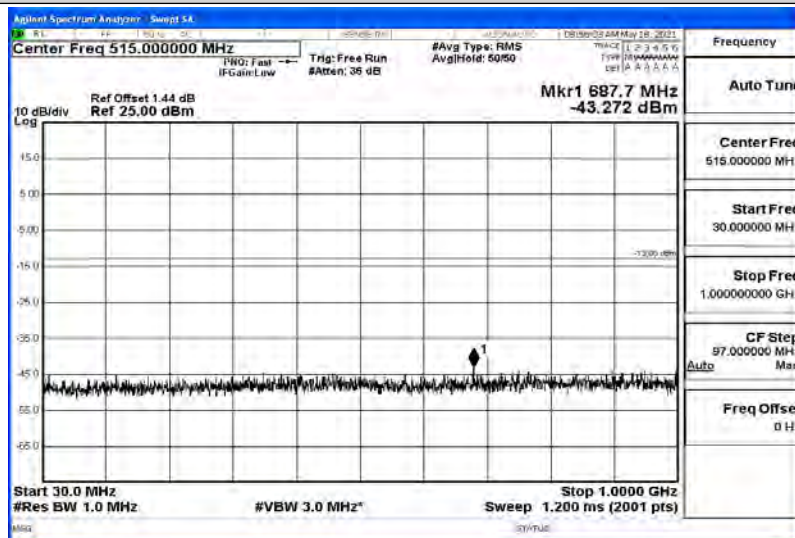
Band66-1.4MHz-QPSK-131979-1RB#0-Range2:1000~10000MHz



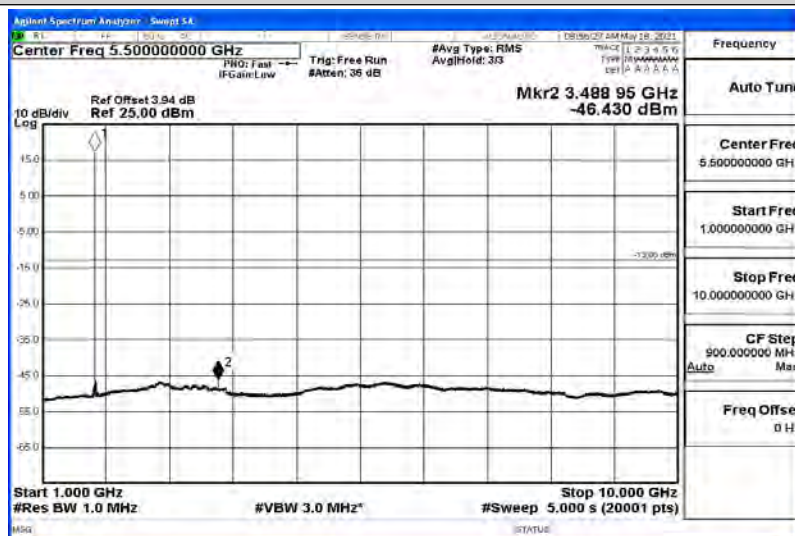
Band66-1.4MHz-QPSK-131979-1RB#0-Range3:10000~20000MHz



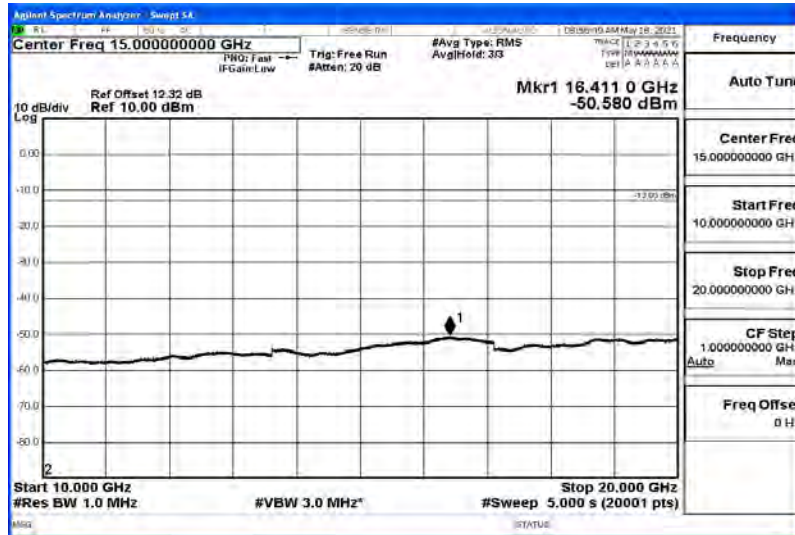
Band66-1.4MHz-QPSK-132322-1RB#0-Range1:30~1000MHz



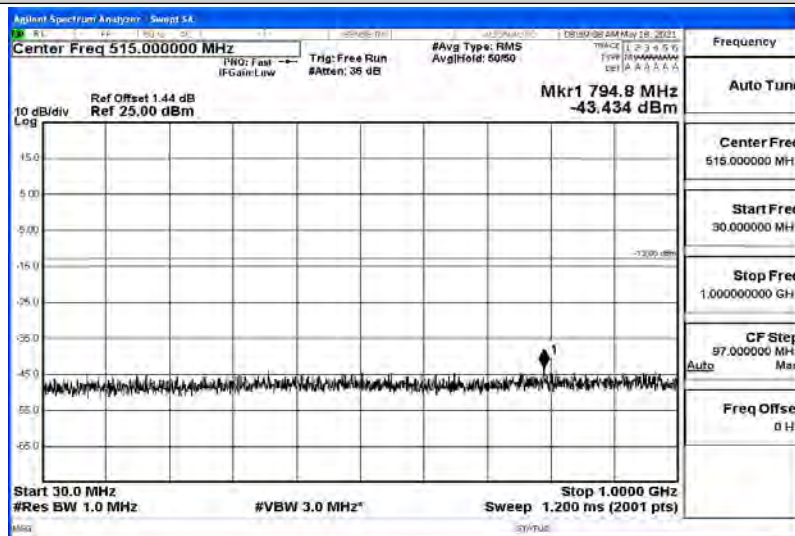
Band66-1.4MHz-QPSK-132322-1RB#0-Range2:1000~10000MHz



Band66-1.4MHz-QPSK-132322-1RB#0-Range3:10000~20000MHz



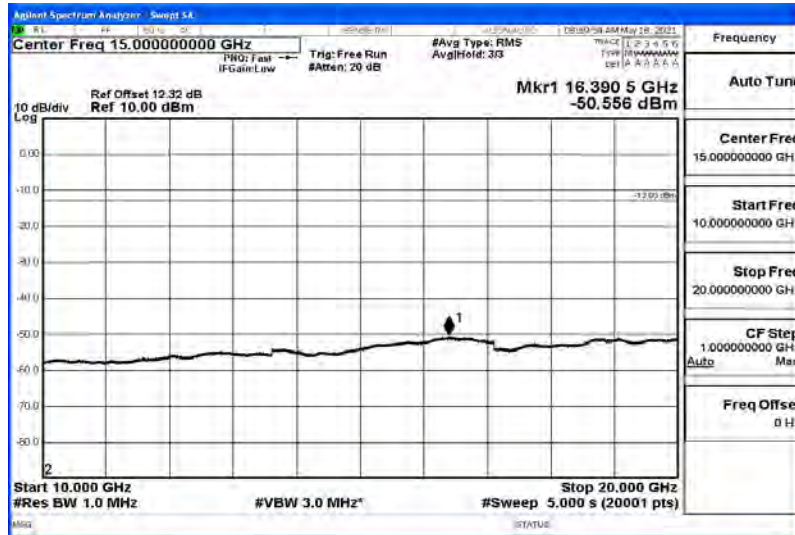
Band66-1.4MHz-QPSK-132665-1RB#0-Range1:30~1000MHz



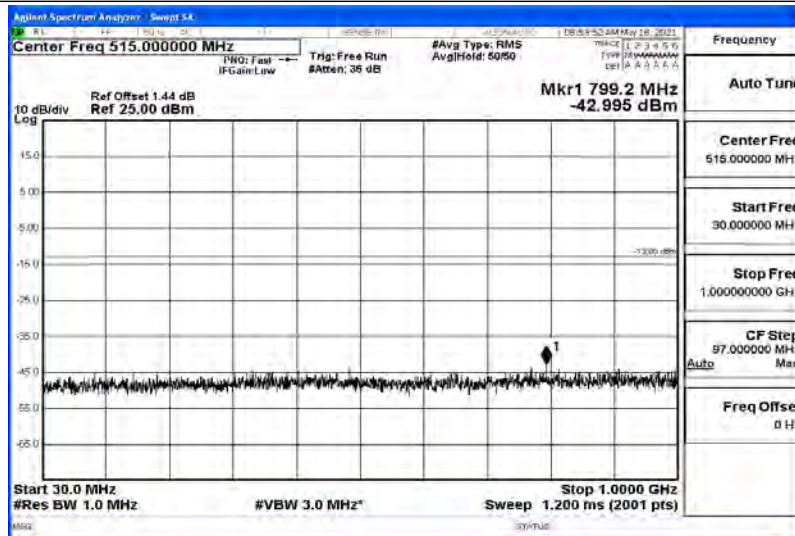
Band66-1.4MHz-QPSK-132665-1RB#0-Range2:1000~10000MHz



Band66-1.4MHz-QPSK-132665-1RB#0-Range3:10000~20000MHz



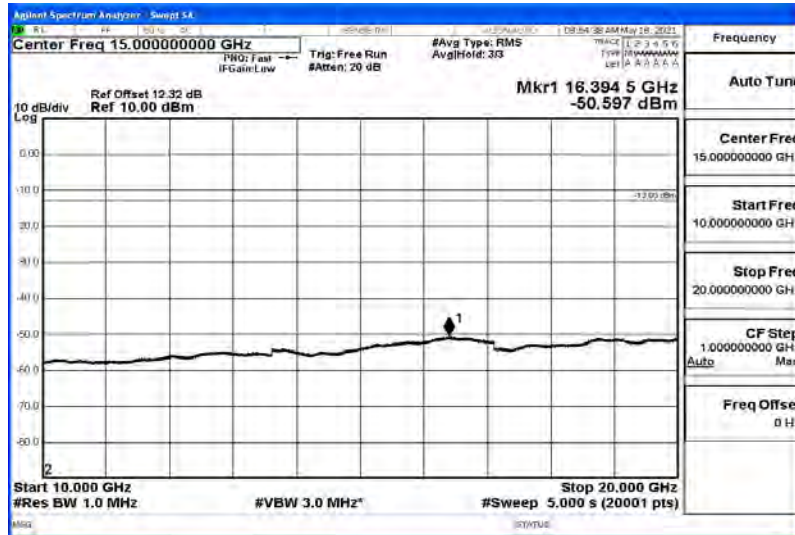
Band66-1.4MHz-16QAM-131979-1RB#0-Range1:30~1000MHz



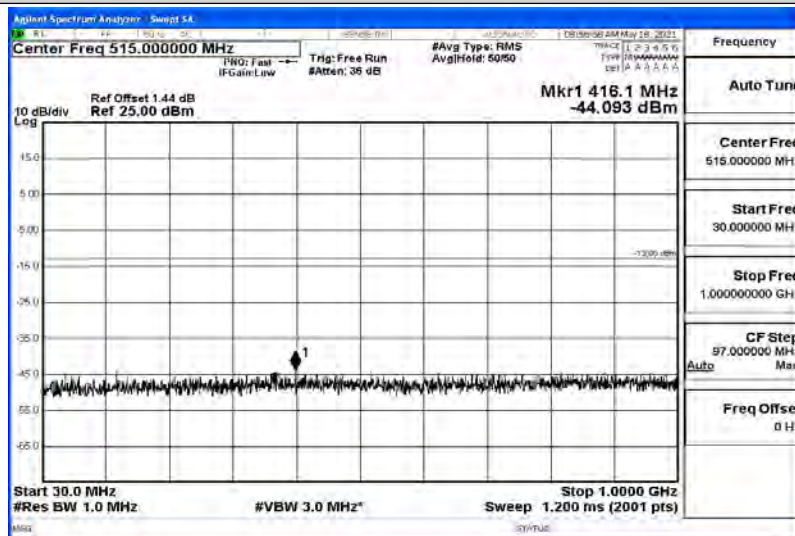
Band66-1.4MHz-16QAM-131979-1RB#0-Range2:1000~10000MHz



Band66-1.4MHz-16QAM-131979-1RB#0-Range3:10000~20000MHz



Band66-1.4MHz-16QAM-132322-1RB#0-Range1:30~1000MHz



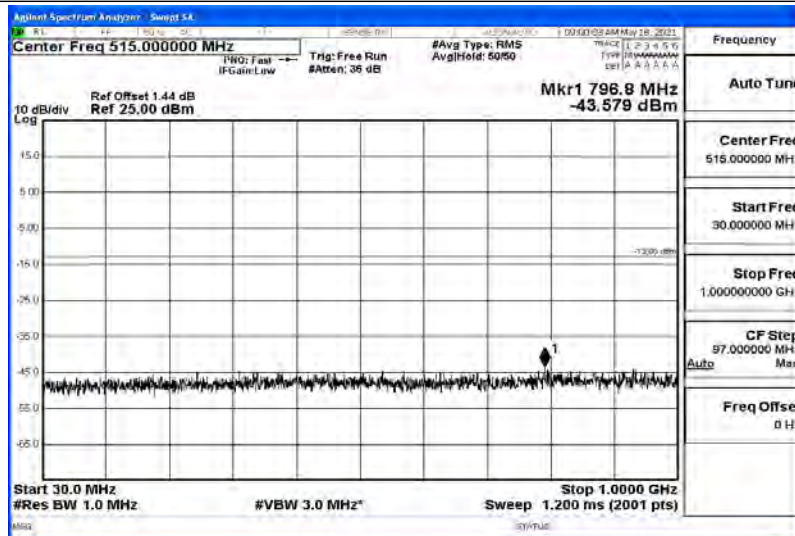
Band66-1.4MHz-16QAM-132322-1RB#0-Range2:1000~10000MHz



Band66-1.4MHz-16QAM-132322-1RB#0-Range3:10000~20000MHz



Band66-1.4MHz-16QAM-132665-1RB#0-Range1:30~1000MHz



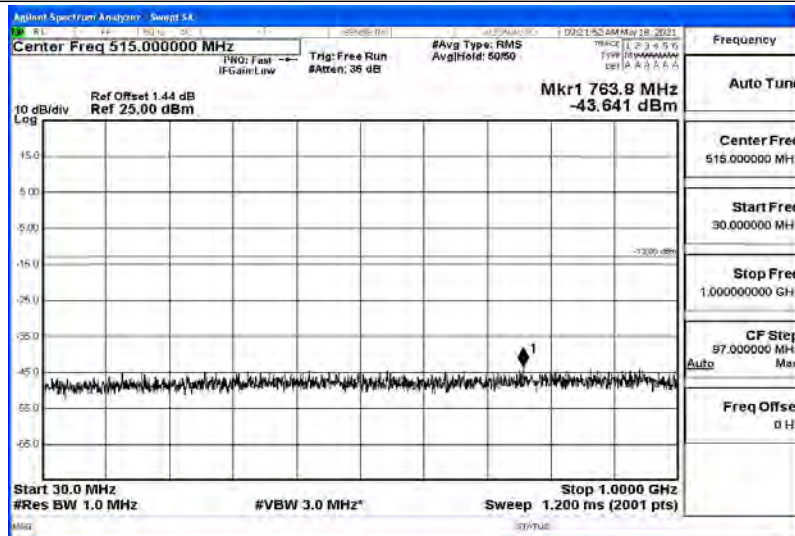
Band66-1.4MHz-16QAM-132665-1RB#0-Range2:1000~10000MHz



Band66-1.4MHz-16QAM-132665-1RB#0-Range3:10000~20000MHz



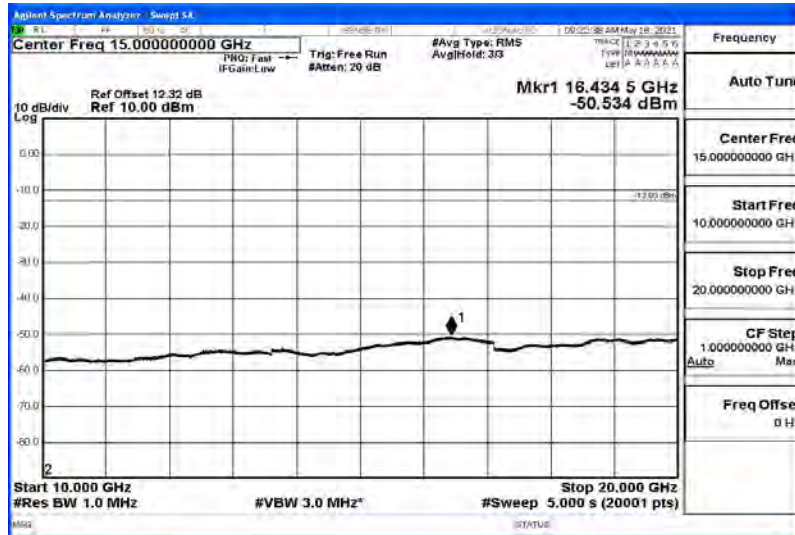
Band66-3MHz-QPSK-131987-1RB#0-Range1:30~1000MHz



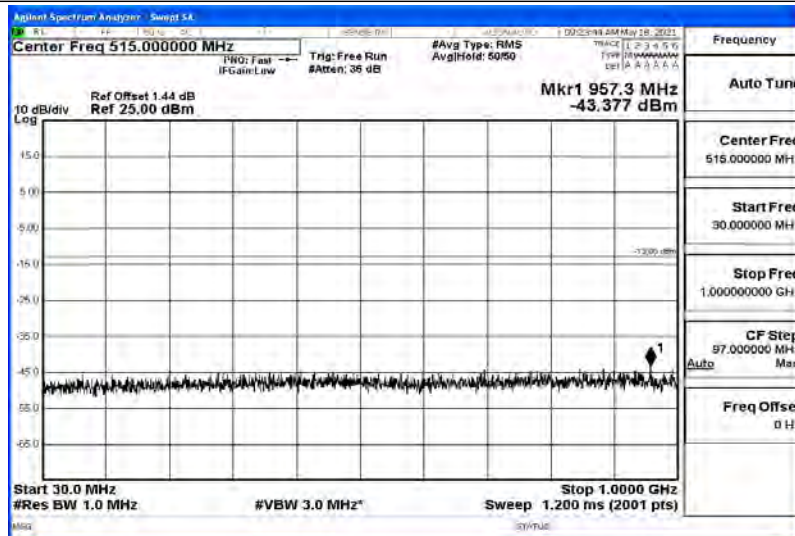
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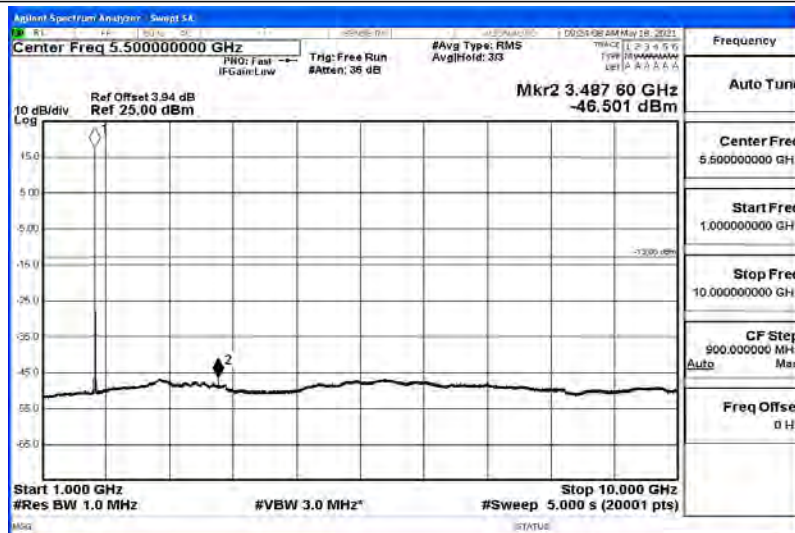
Band66-3MHz-QPSK-131987-1RB#0-Range3:10000~20000MHz



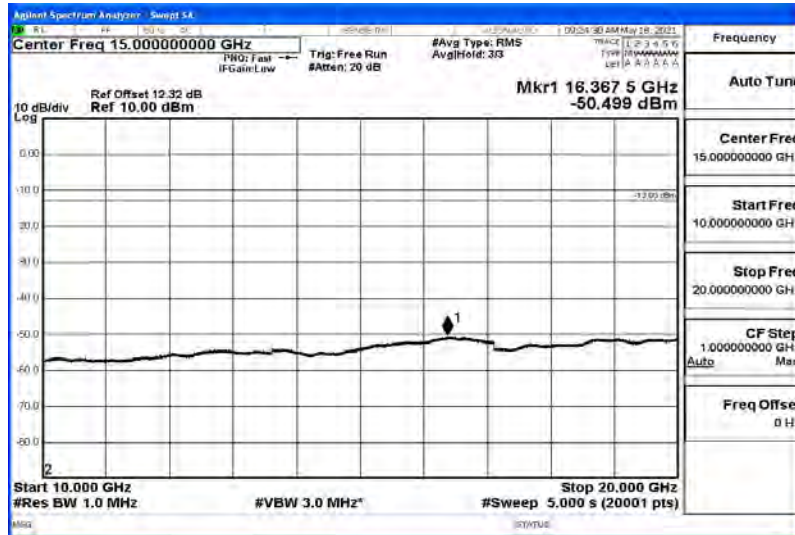
Band66-3MHz-QPSK-132322-1RB#0-Range1:30~1000MHz



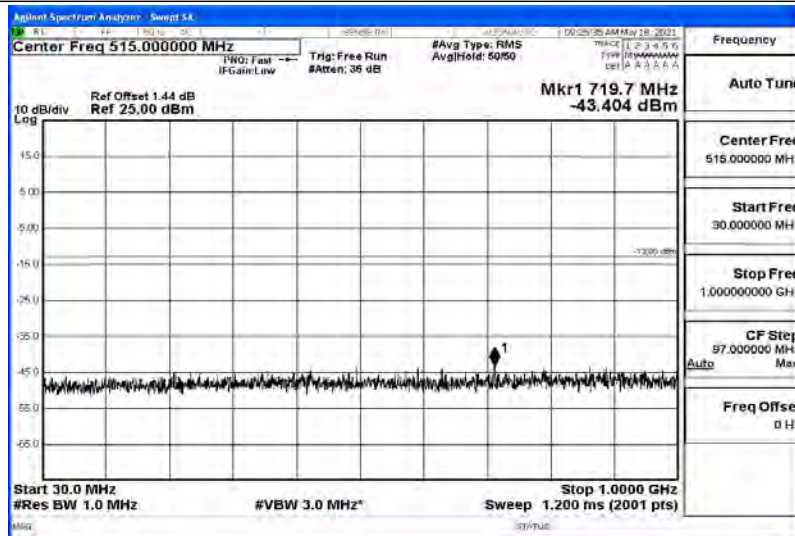
Band66-3MHz-QPSK-132322-1RB#0-Range2:1000~10000MHz



Band66-3MHz-QPSK-132322-1RB#0-Range3:10000~20000MHz



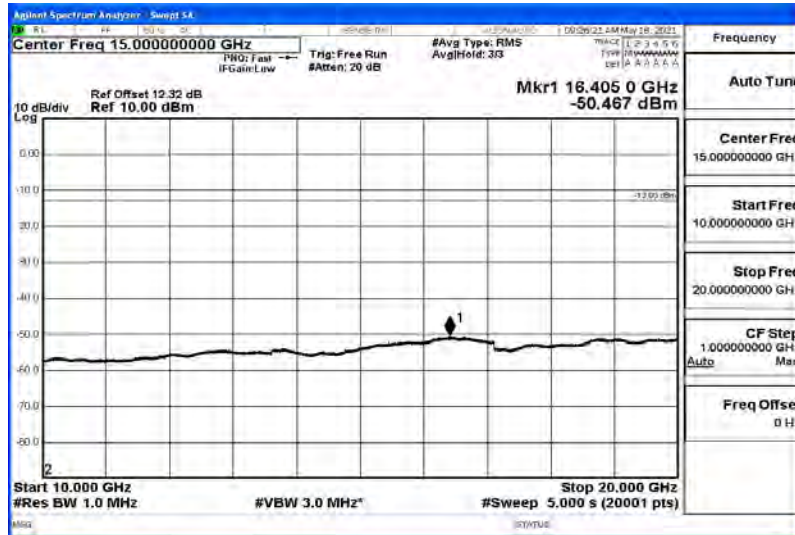
Band66-3MHz-QPSK-132657-1RB#0-Range1:30~1000MHz



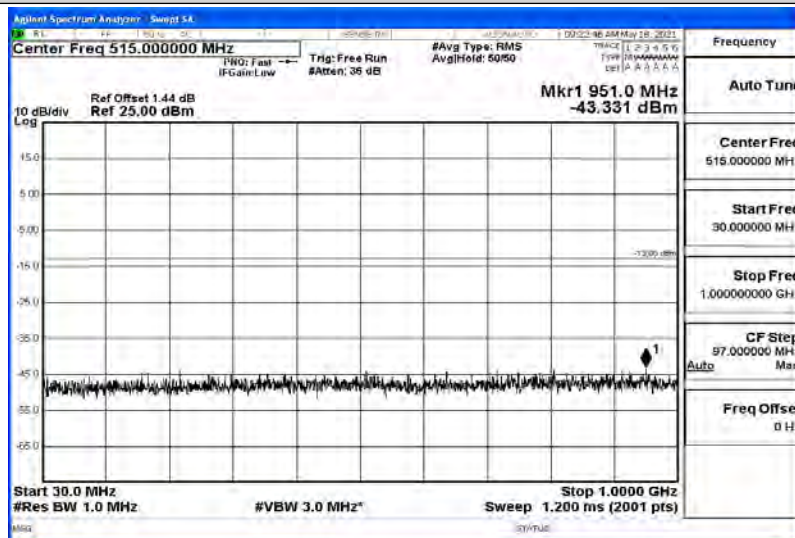
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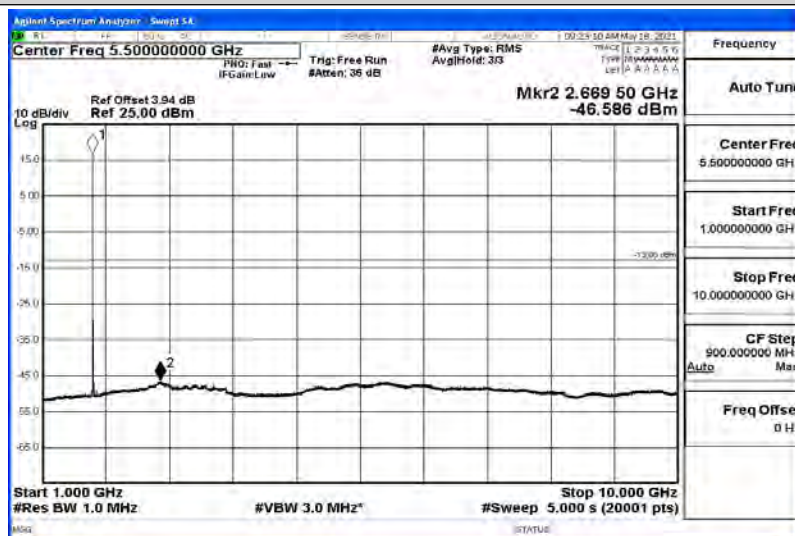
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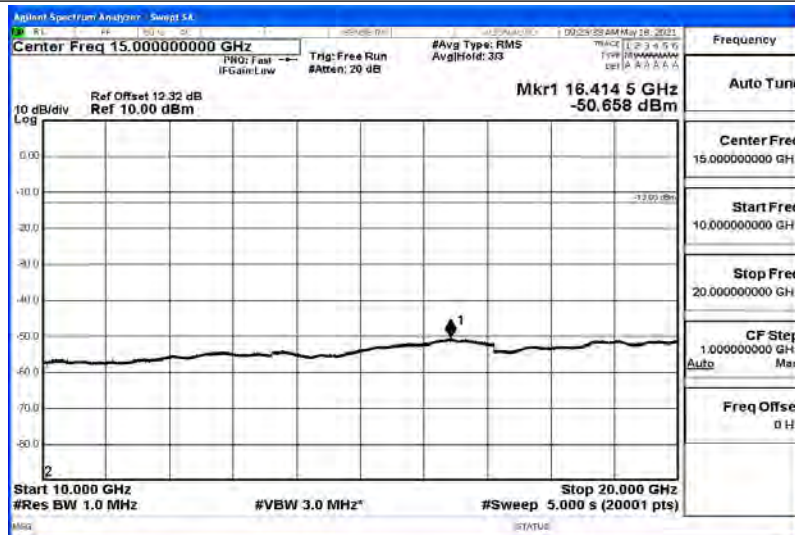
Band66-3MHz-16QAM-131987-1RB#0-Range1:30~1000MHz



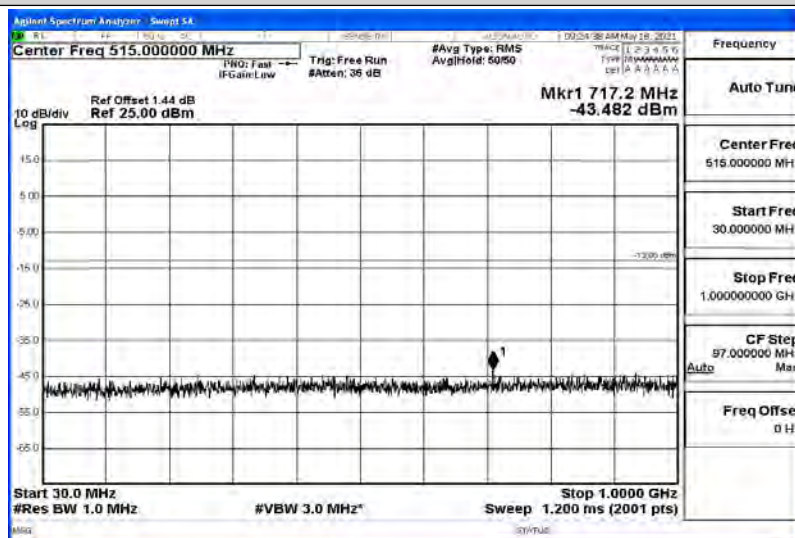
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Band66-3MHz-16QAM-131987-1RB#0-Range3:10000~20000MHz



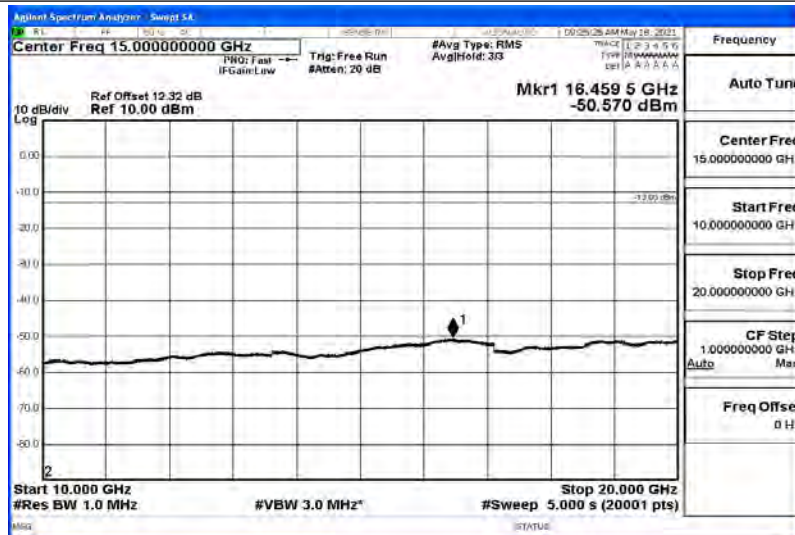
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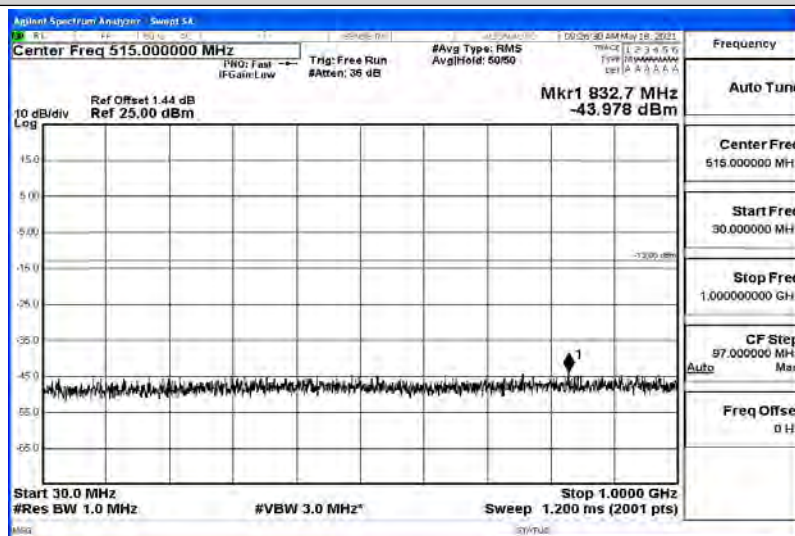
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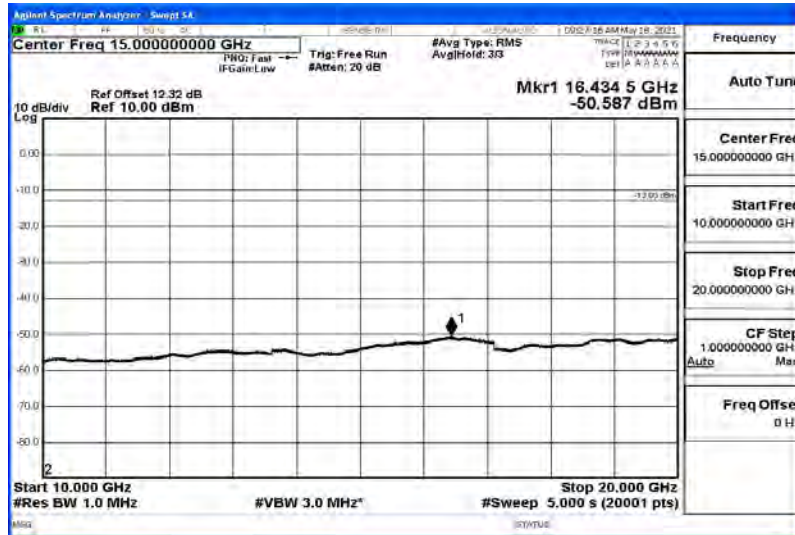
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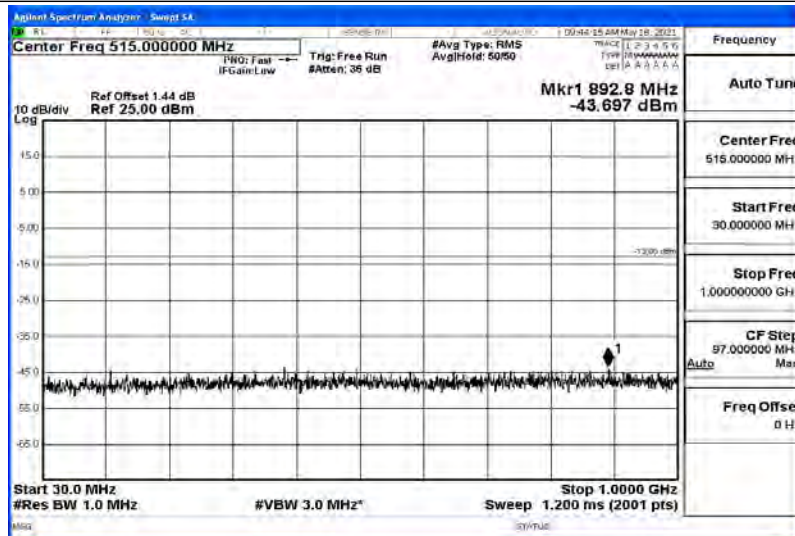
Band66-3MHz-16QAM-132657-1RB#0-Range2:1000~10000MHz



Band66-3MHz-16QAM-132657-1RB#0-Range3:10000~20000MHz



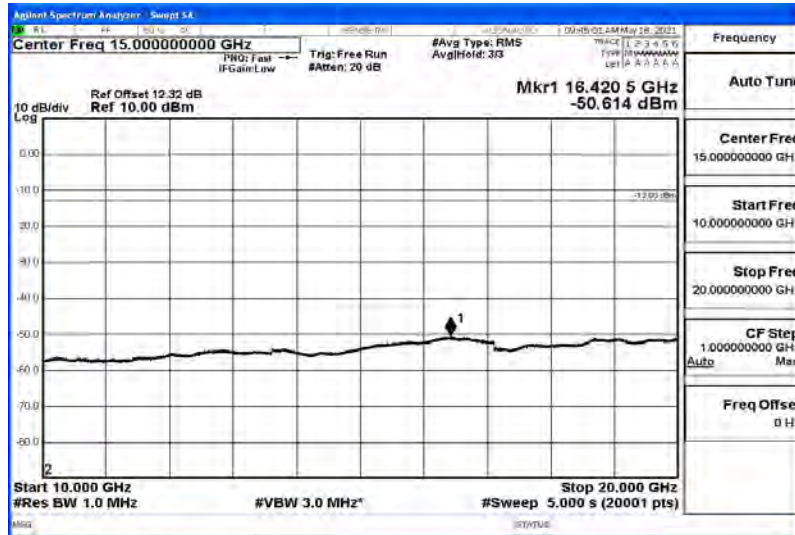
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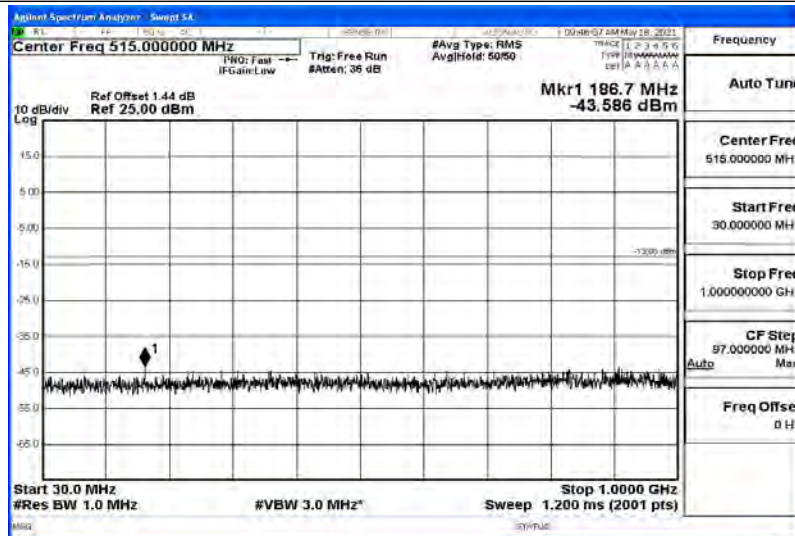
Band66-5MHz-QPSK-131997-1RB#0-Range2:1000~10000MHz



Band66-5MHz-QPSK-131997-1RB#0-Range3:10000~20000MHz



Band66-5MHz-QPSK-132322-1RB#0-Range1:30~1000MHz



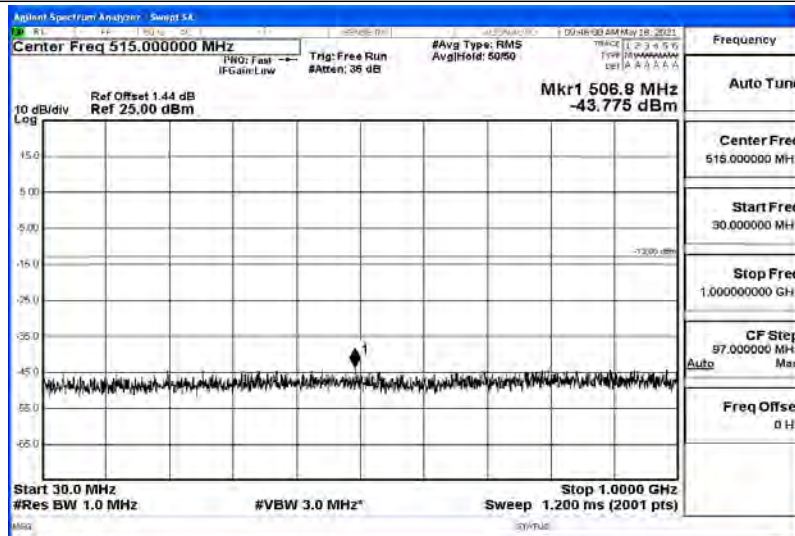
Band66-5MHz-QPSK-132322-1RB#0-Range2:1000~10000MHz



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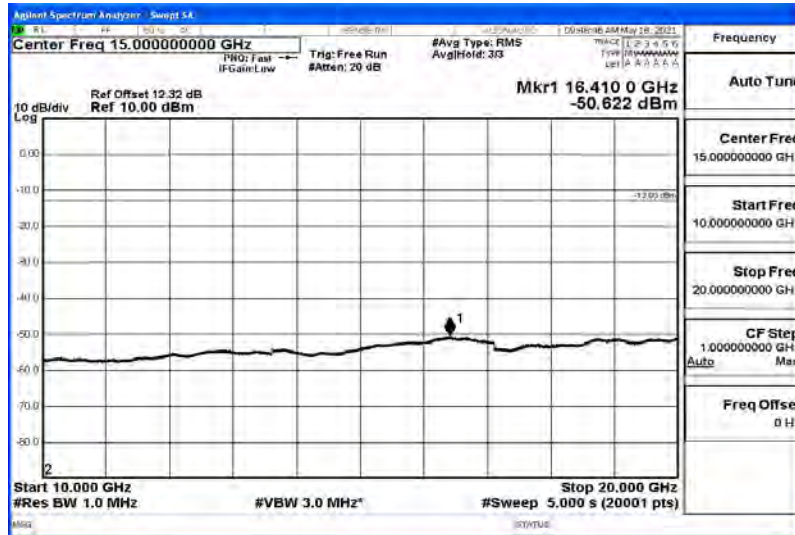
Band66-5MHz-QPSK-132647-1RB#0-Range1:30~1000MHz



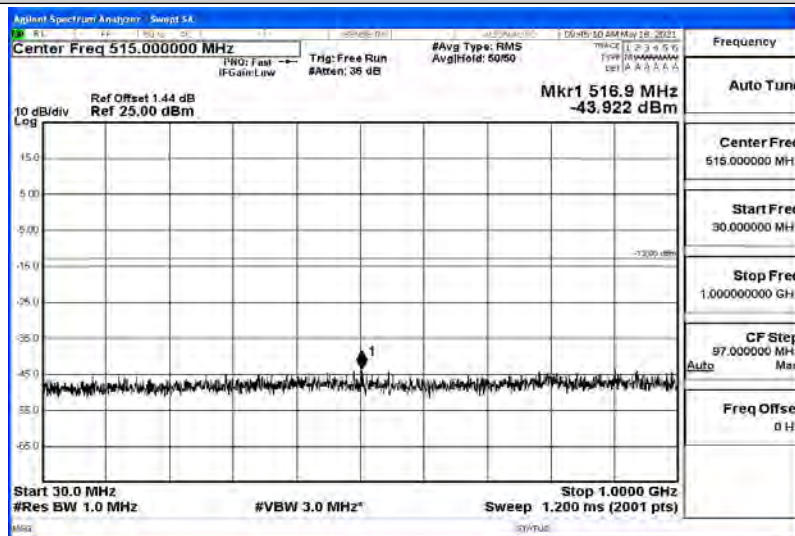
Band66-5MHz-QPSK-132647-1RB#0-Range2:1000~10000MHz



Band66-5MHz-QPSK-132647-1RB#0-Range3:10000~20000MHz



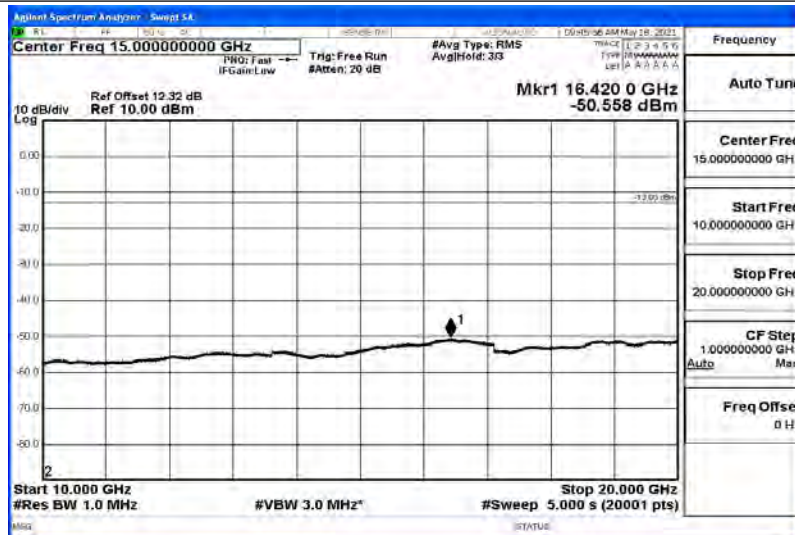
Band66-5MHz-16QAM-131997-1RB#0-Range1:30~1000MHz



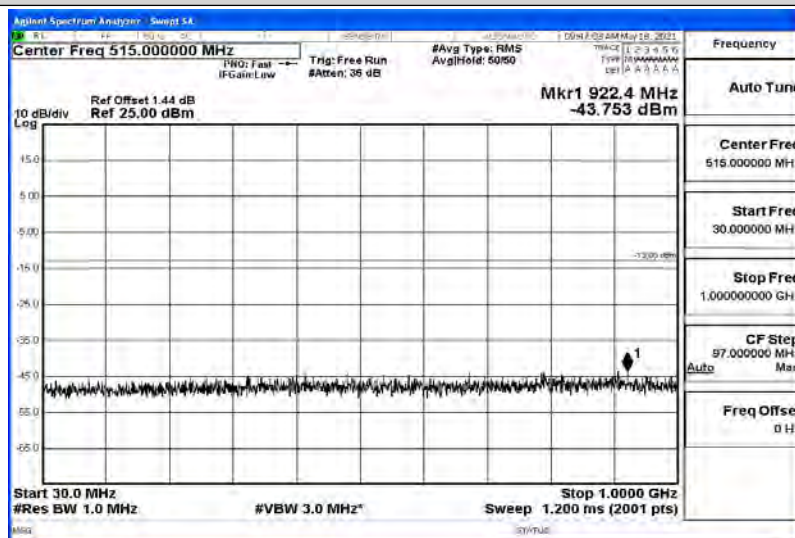
Band66-5MHz-16QAM-131997-1RB#0-Range2:1000~10000MHz



Band66-5MHz-16QAM-131997-1RB#0-Range3:10000~20000MHz



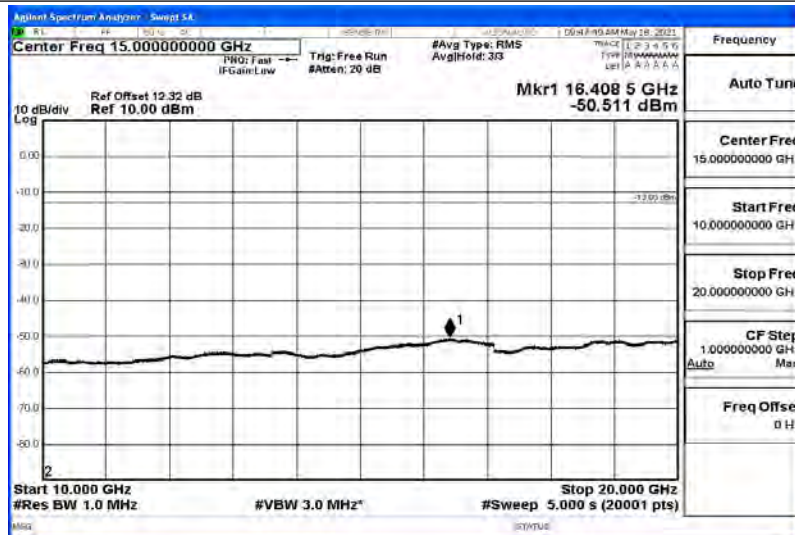
Band66-5MHz-16QAM-132322-1RB#0-Range1:30~1000MHz



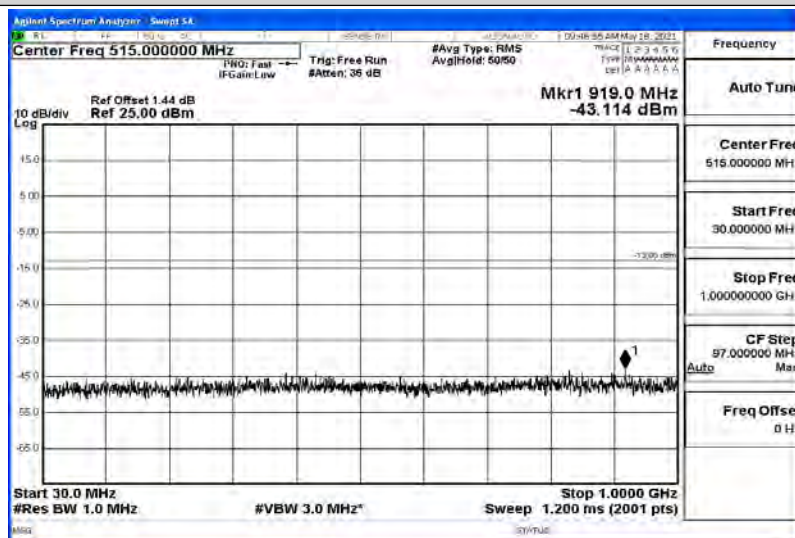
Band66-5MHz-16QAM-132322-1RB#0-Range2:1000~10000MHz



Band66-5MHz-16QAM-132322-1RB#0-Range3:10000~20000MHz



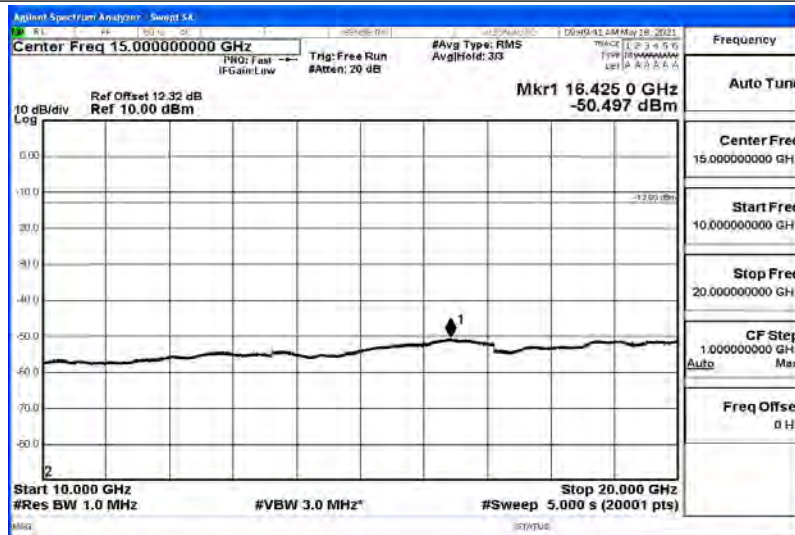
Band66-5MHz-16QAM-132647-1RB#0-Range1:30~1000MHz



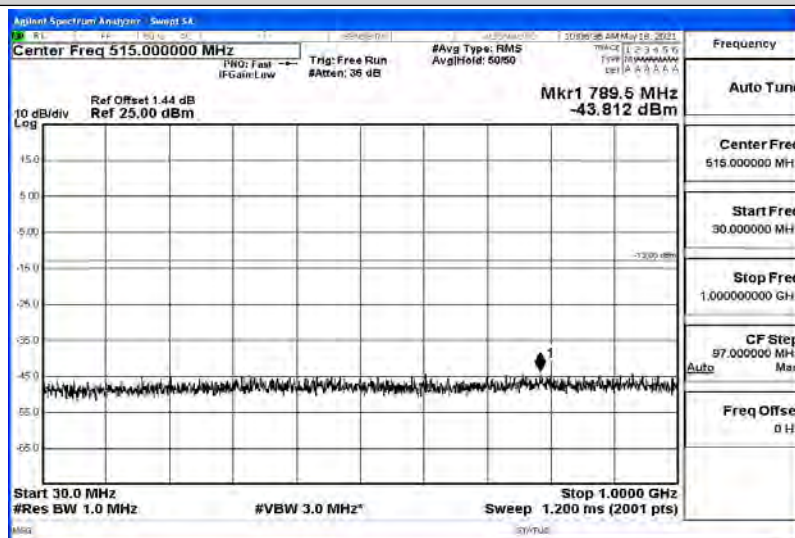
Band66-5MHz-16QAM-132647-1RB#0-Range2:1000~10000MHz



Band66-5MHz-16QAM-132647-1RB#0-Range3:10000~20000MHz



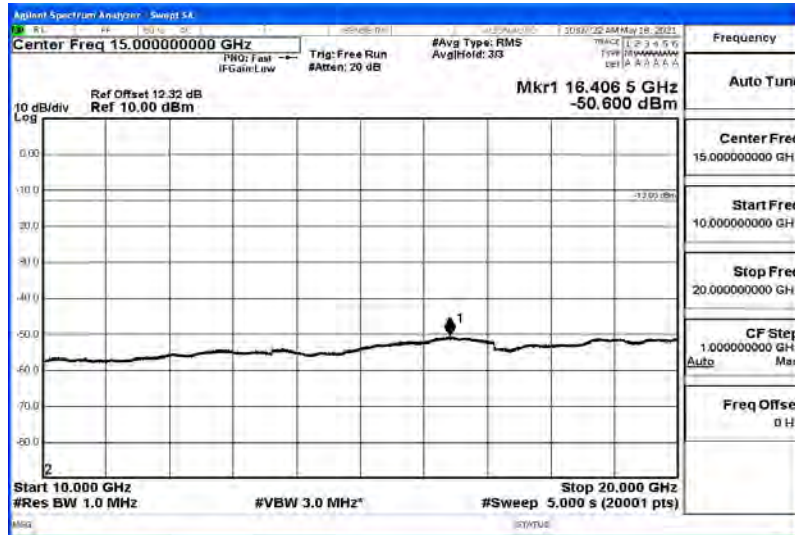
Band66-10MHz-QPSK-132022-1RB#0-Range1:30~1000MHz



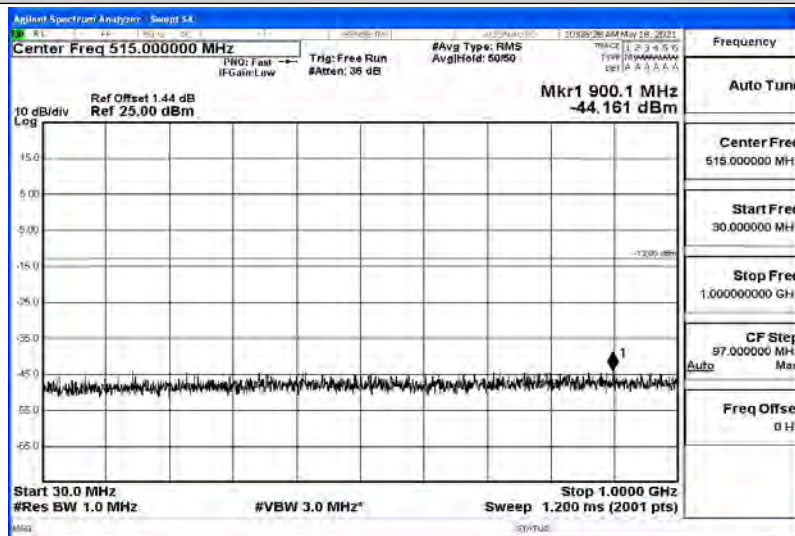
Band66-10MHz-QPSK-132022-1RB#0-Range2:1000~10000MHz



Band66-10MHz-QPSK-132022-1RB#0-Range3:10000~20000MHz



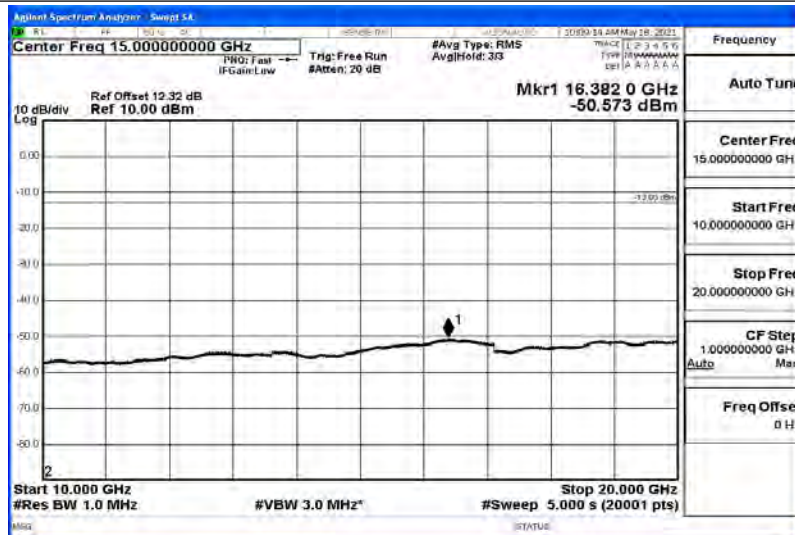
Band66-10MHz-QPSK-132322-1RB#0-Range1:30~1000MHz



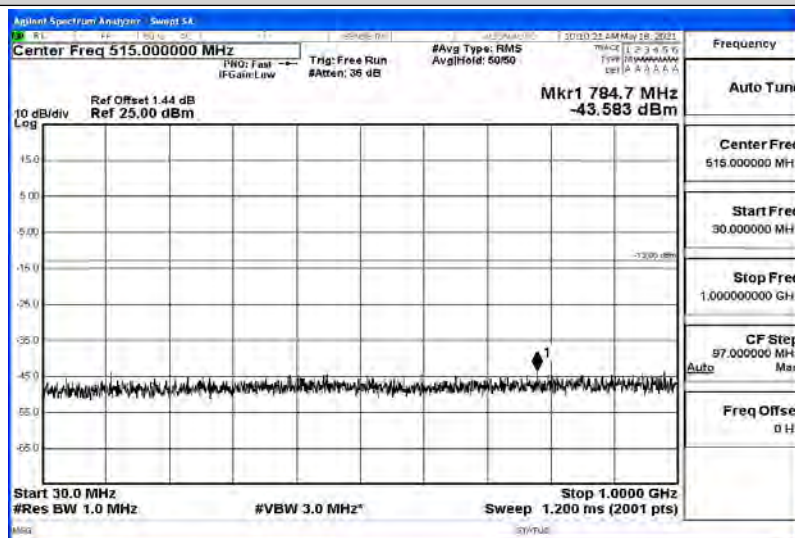
Band66-10MHz-QPSK-132322-1RB#0-Range2:1000~10000MHz



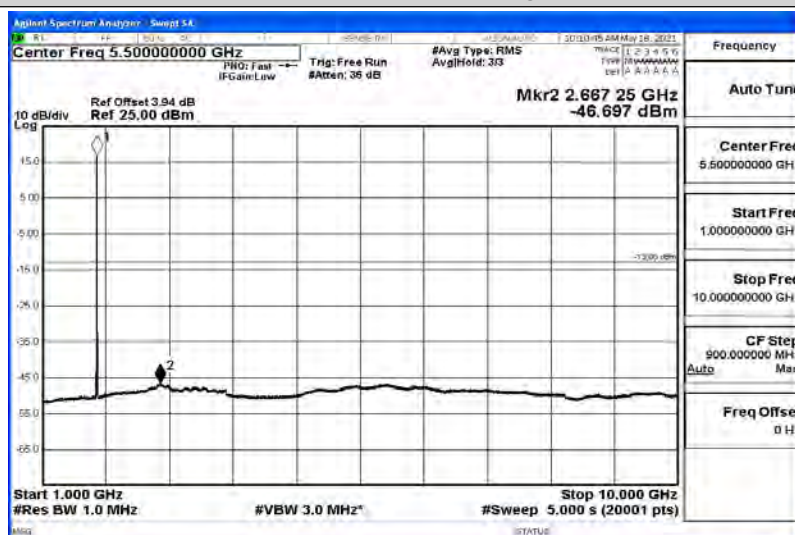
Band66-10MHz-QPSK-132322-1RB#0-Range3:10000~20000MHz



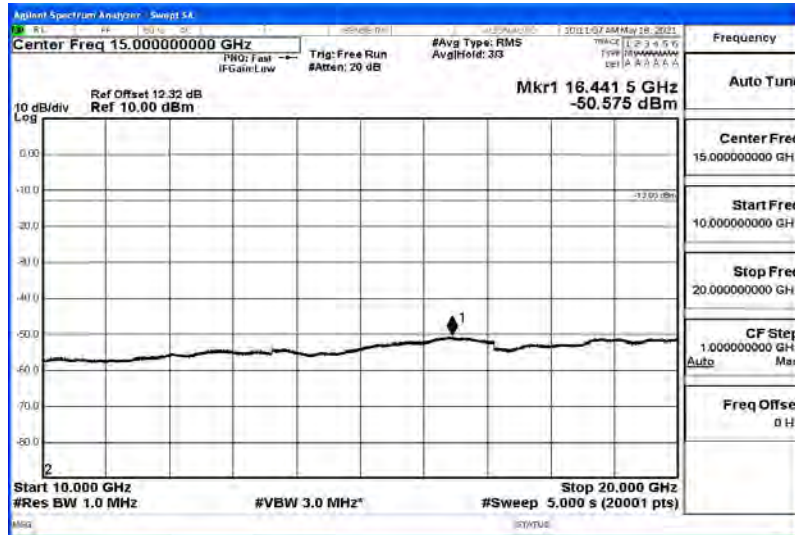
Band66-10MHz-QPSK-132622-1RB#0-Range1:30~1000MHz



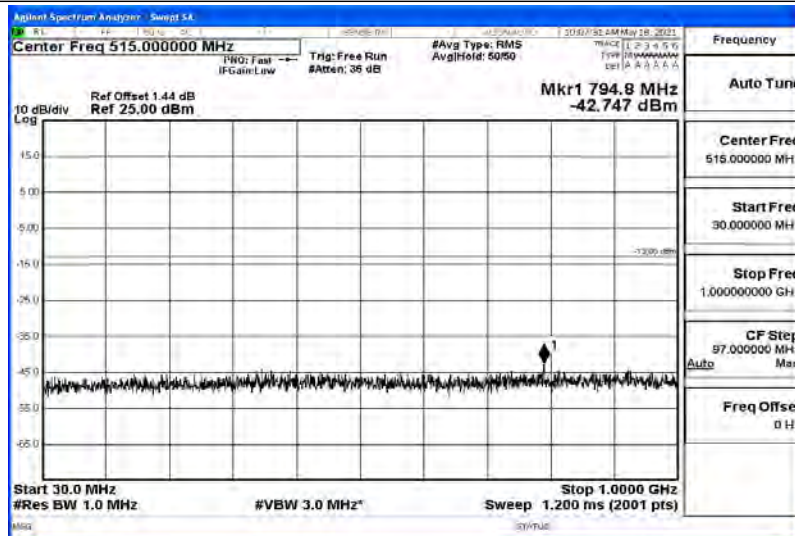
Band66-10MHz-QPSK-132622-1RB#0-Range2:1000~10000MHz



Band66-10MHz-QPSK-132622-1RB#0-Range3:10000~20000MHz



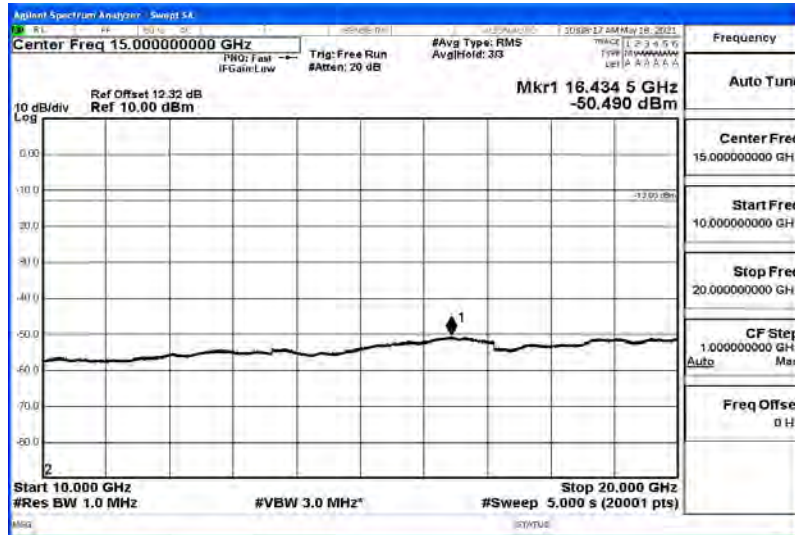
Band66-10MHz-16QAM-132022-1RB#0-Range1:30~1000MHz



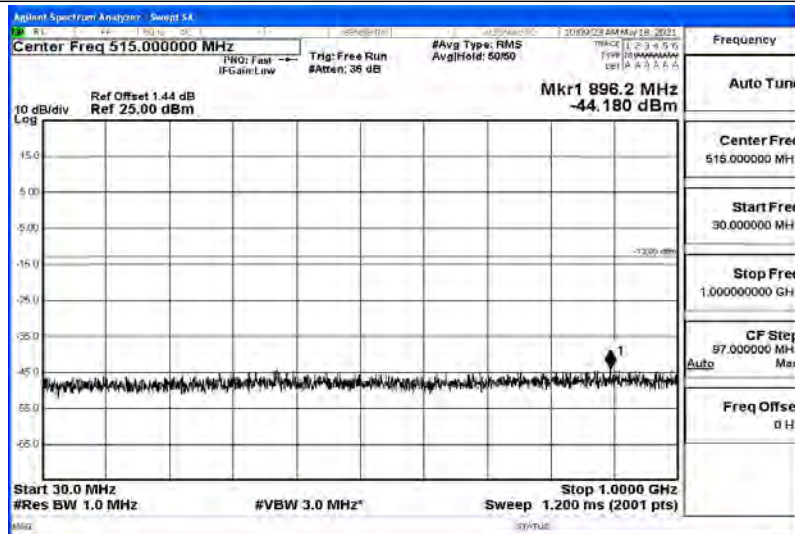
Band66-10MHz-16QAM-132022-1RB#0-Range2:1000~10000MHz



Band66-10MHz-16QAM-132022-1RB#0-Range3:10000~20000MHz



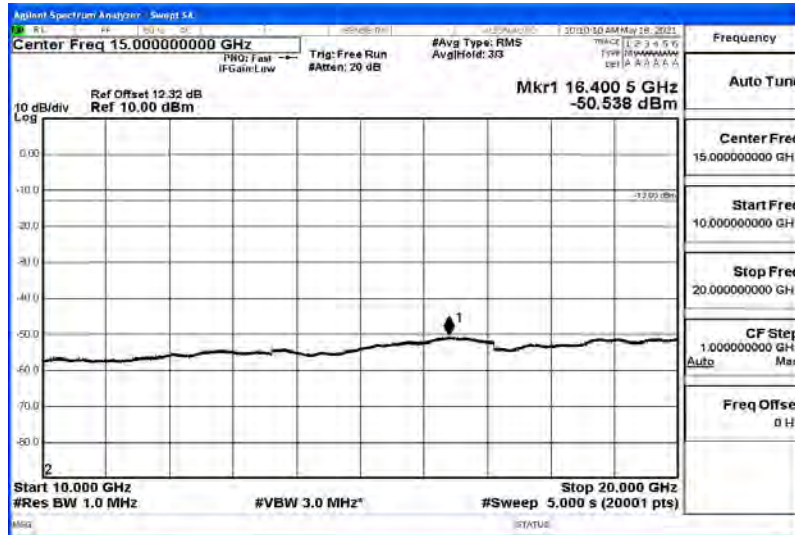
Band66-10MHz-16QAM-132322-1RB#0-Range1:30~1000MHz



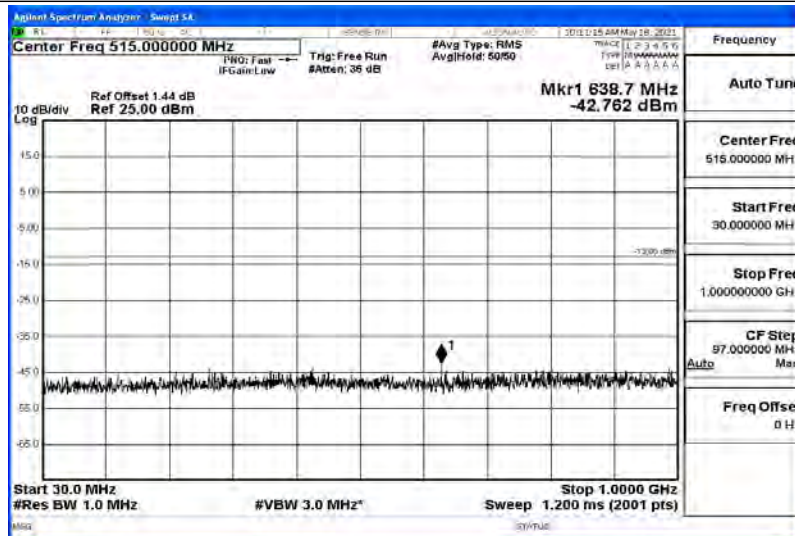
Band66-10MHz-16QAM-132322-1RB#0-Range2:1000~10000MHz



Band66-10MHz-16QAM-132322-1RB#0-Range3:10000~20000MHz



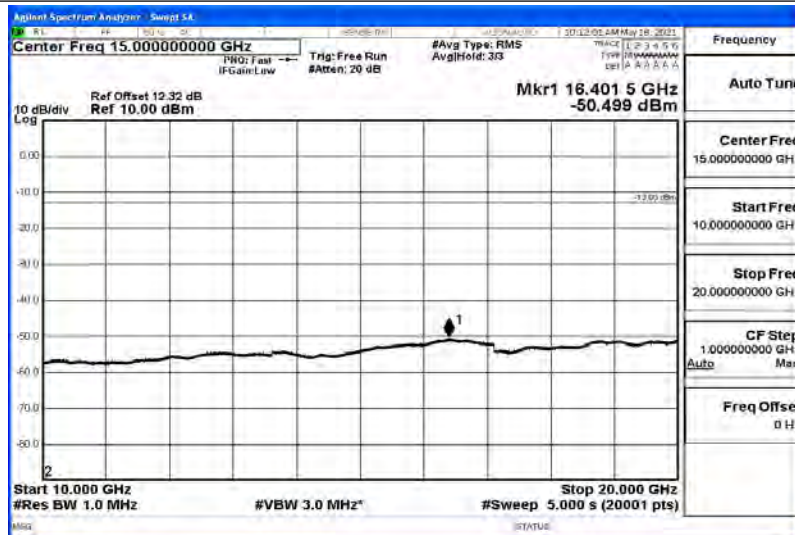
Band66-10MHz-16QAM-132622-1RB#0-Range1:30~1000MHz



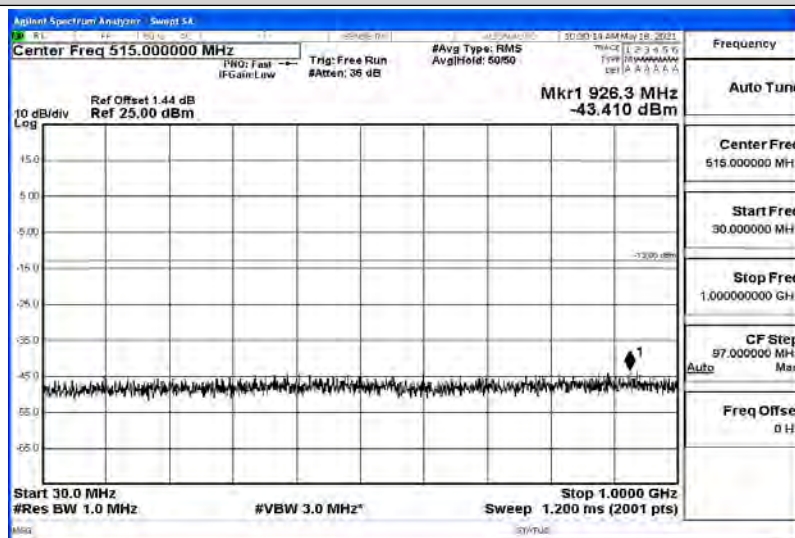
Band66-10MHz-16QAM-132622-1RB#0-Range2:1000~10000MHz



Band66-10MHz-16QAM-132622-1RB#0-Range3:10000~20000MHz



Band66-15MHz-QPSK-132047-1RB#0-Range1:30~1000MHz



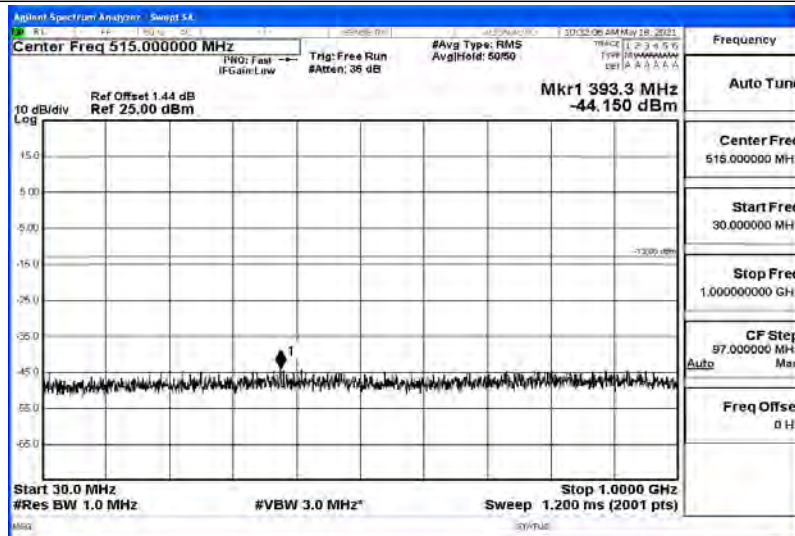
Band66-15MHz-QPSK-132047-1RB#0-Range2:1000~10000MHz



Band66-15MHz-QPSK-132047-1RB#0-Range3:10000~20000MHz



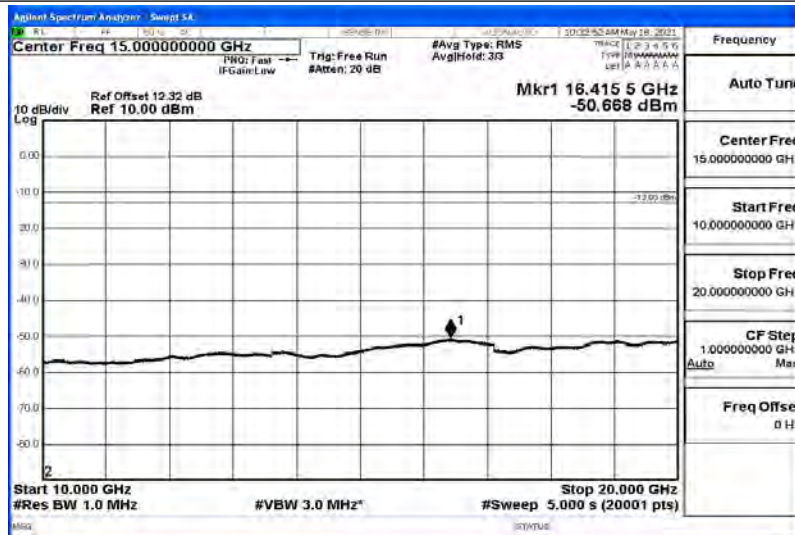
Band66-15MHz-QPSK-132322-1RB#0-Range1:30~1000MHz



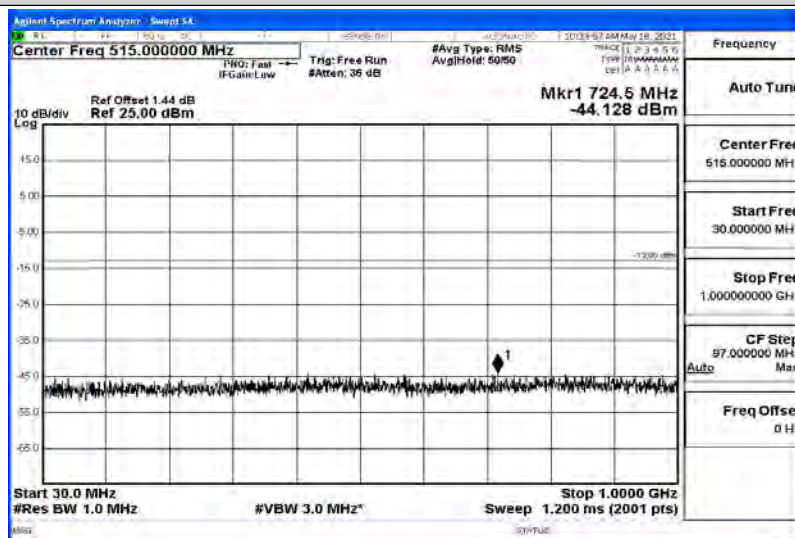
Band66-15MHz-QPSK-132322-1RB#0-Range2:1000~10000MHz



Band66-15MHz-QPSK-132322-1RB#0-Range3:10000~20000MHz



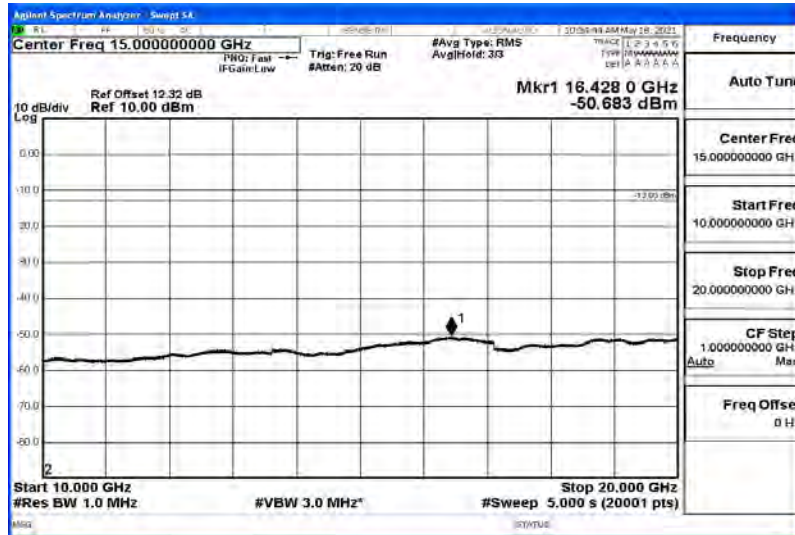
Band66-15MHz-QPSK-132597-1RB#0-Range1:30~1000MHz



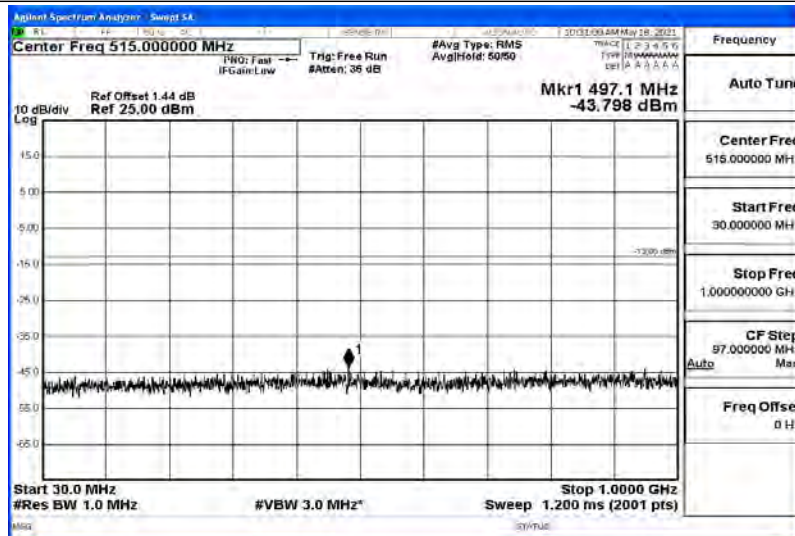
Band66-15MHz-QPSK-132597-1RB#0-Range2:1000~10000MHz



Band66-15MHz-QPSK-132597-1RB#0-Range3:10000~20000MHz



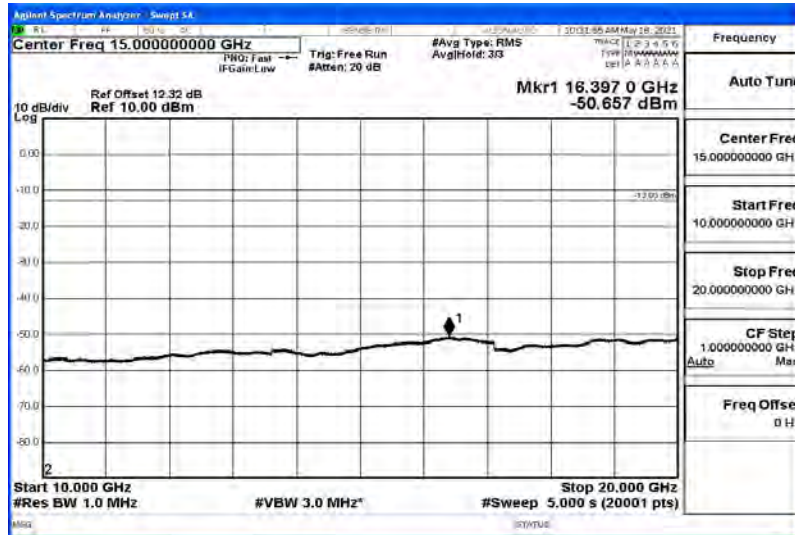
Band66-15MHz-16QAM-132047-1RB#0-Range1:30~1000MHz



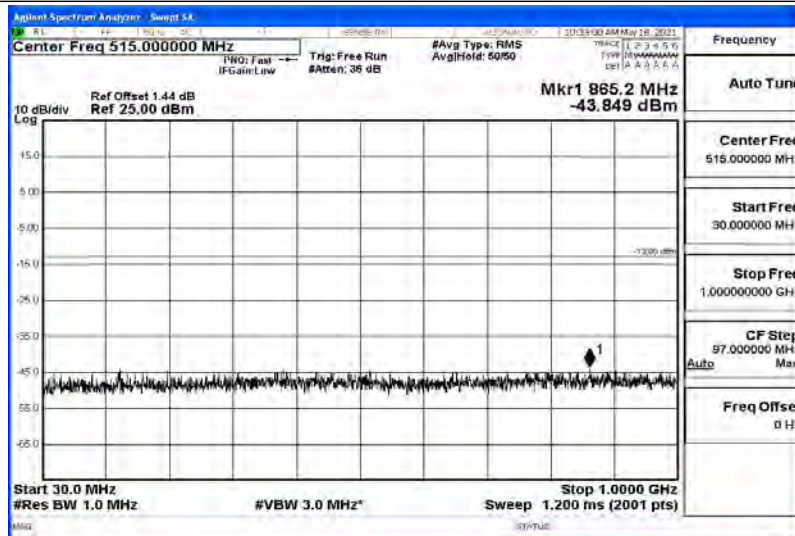
Band66-15MHz-16QAM-132047-1RB#0-Range2:1000~10000MHz



Band66-15MHz-16QAM-132047-1RB#0-Range3:10000~20000MHz



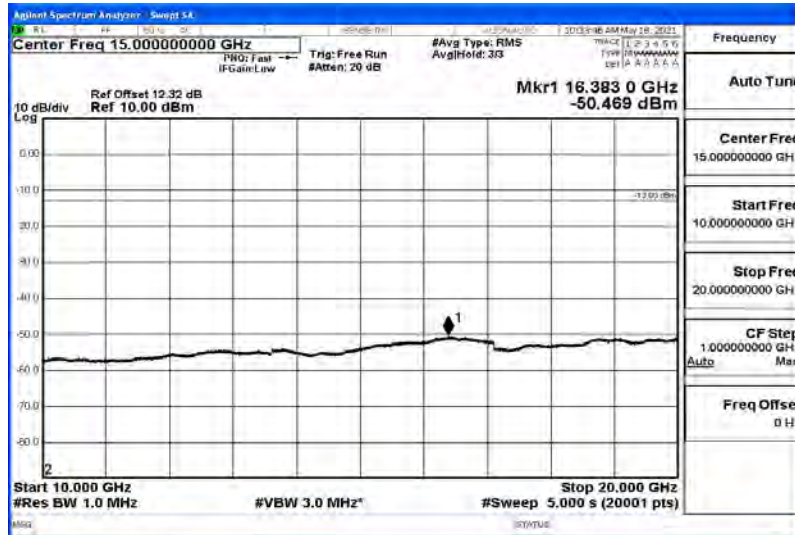
Band66-15MHz-16QAM-132322-1RB#0-Range1:30~1000MHz



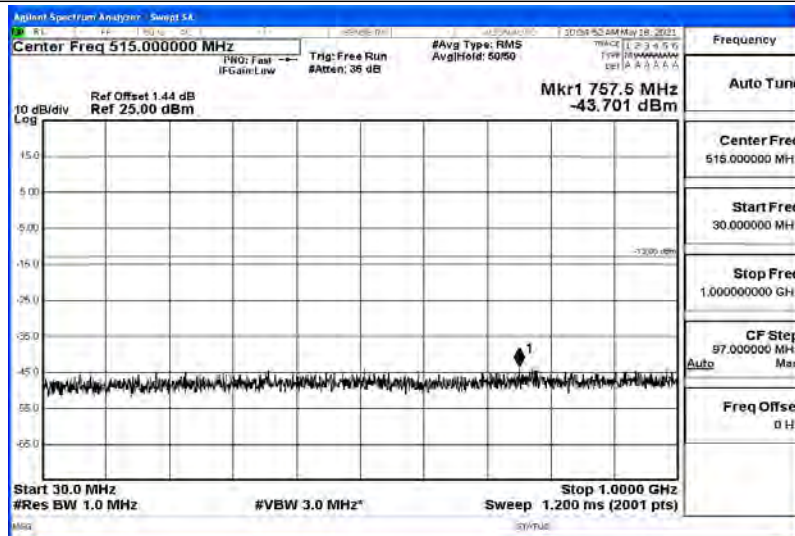
Band66-15MHz-16QAM-132322-1RB#0-Range2:1000~10000MHz



Band66-15MHz-16QAM-132322-1RB#0-Range3:10000~20000MHz



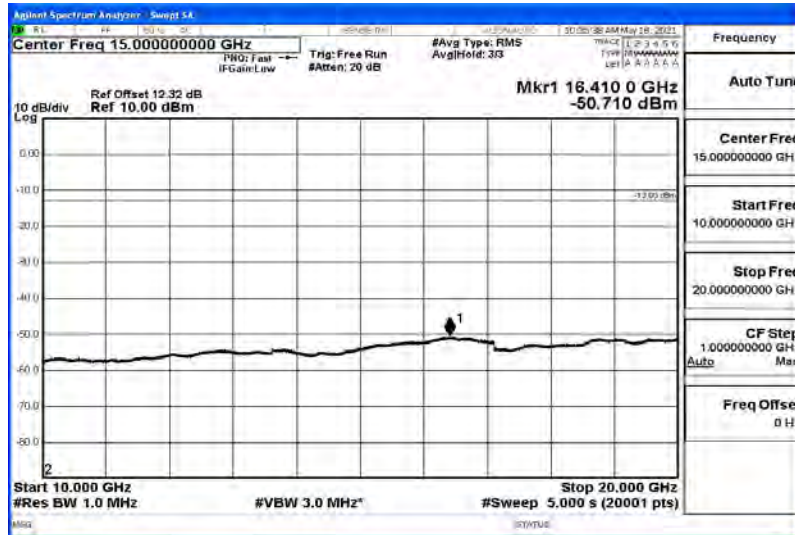
Band66-15MHz-16QAM-132597-1RB#0-Range1:30~1000MHz



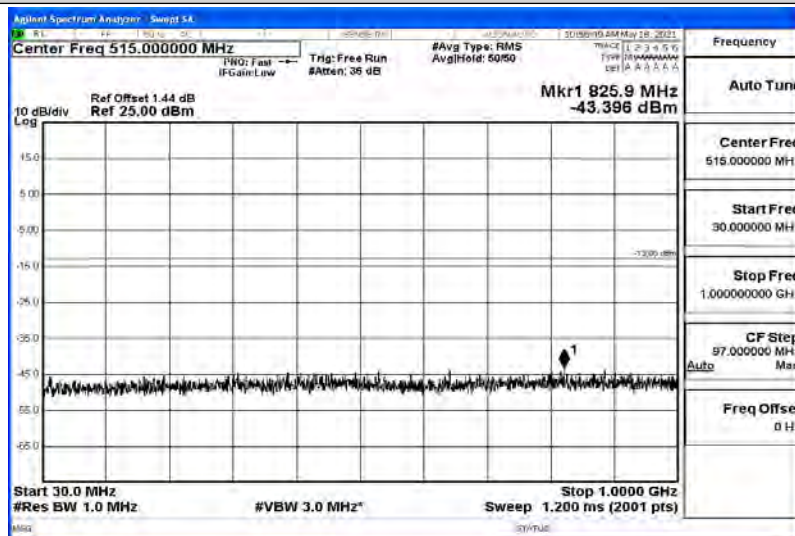
Band66-15MHz-16QAM-132597-1RB#0-Range2:1000~10000MHz



Band66-15MHz-16QAM-132597-1RB#0-Range3:10000~20000MHz



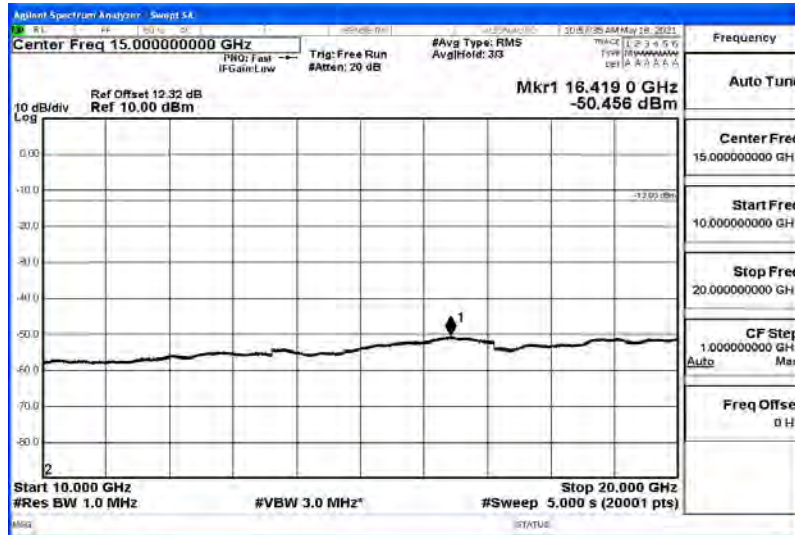
Band66-20MHz-QPSK-132072-1RB#0-Range1:30~1000MHz



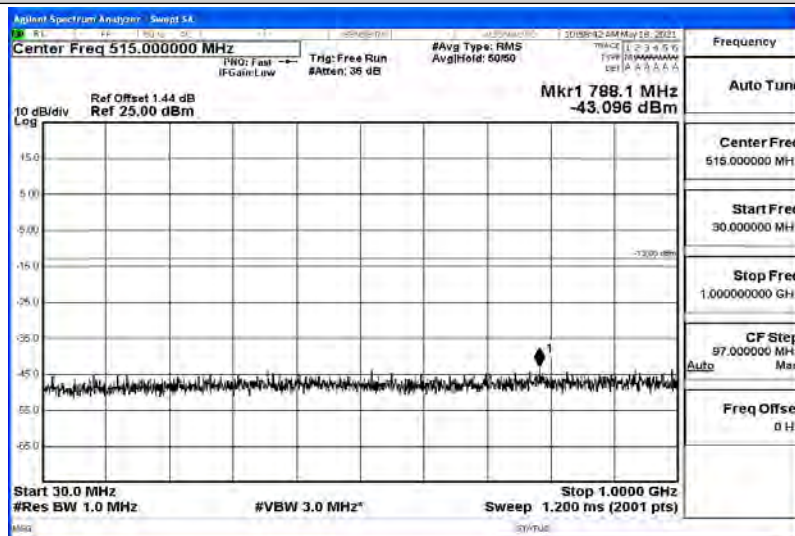
Band66-20MHz-QPSK-132072-1RB#0-Range2:1000~10000MHz



Band66-20MHz-QPSK-132072-1RB#0-Range3:10000~20000MHz



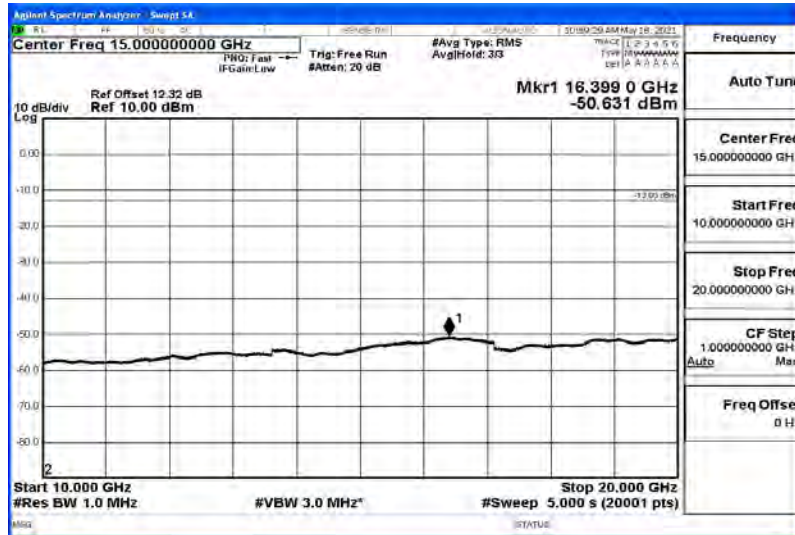
Band66-20MHz-QPSK-132322-1RB#0-Range1:30~1000MHz



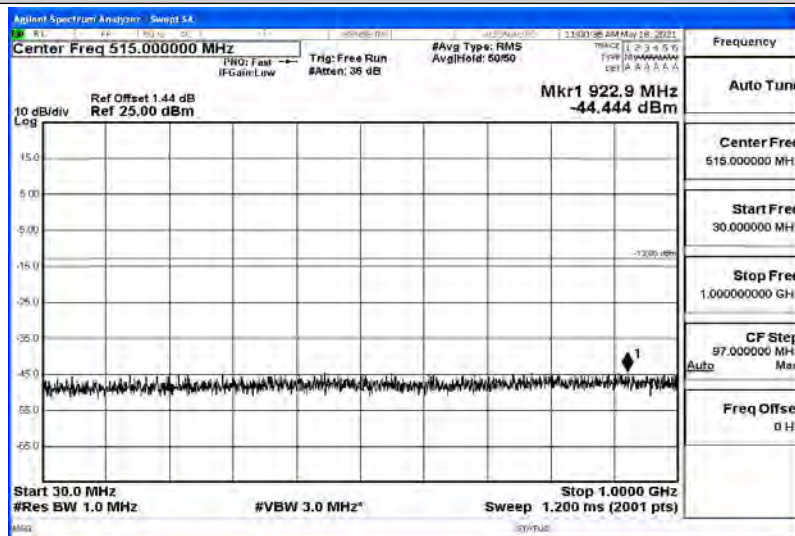
Band66-20MHz-QPSK-132322-1RB#0-Range2:1000~10000MHz



Band66-20MHz-QPSK-132322-1RB#0-Range3:10000~20000MHz



Band66-20MHz-QPSK-132572-1RB#0-Range1:30~1000MHz



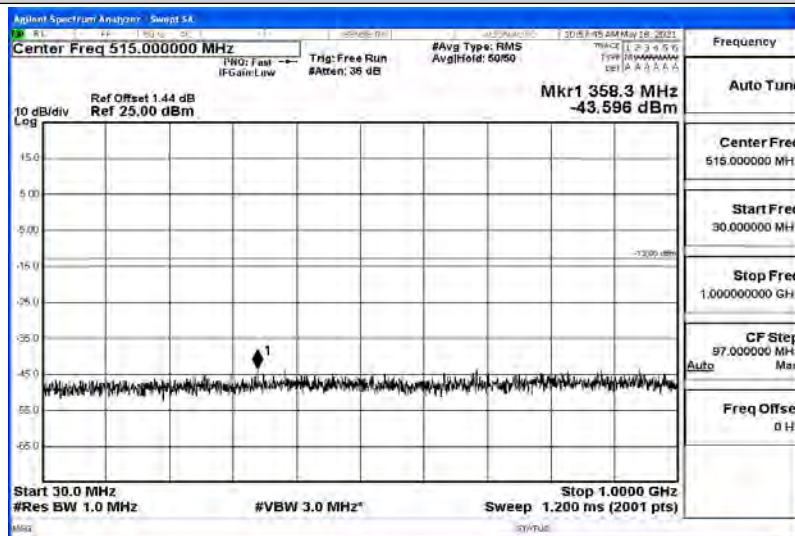
Band66-20MHz-QPSK-132572-1RB#0-Range2:1000~10000MHz



Band66-20MHz-QPSK-132572-1RB#0-Range3:10000~20000MHz



Band66-20MHz-16QAM-132072-1RB#0-Range1:30~1000MHz



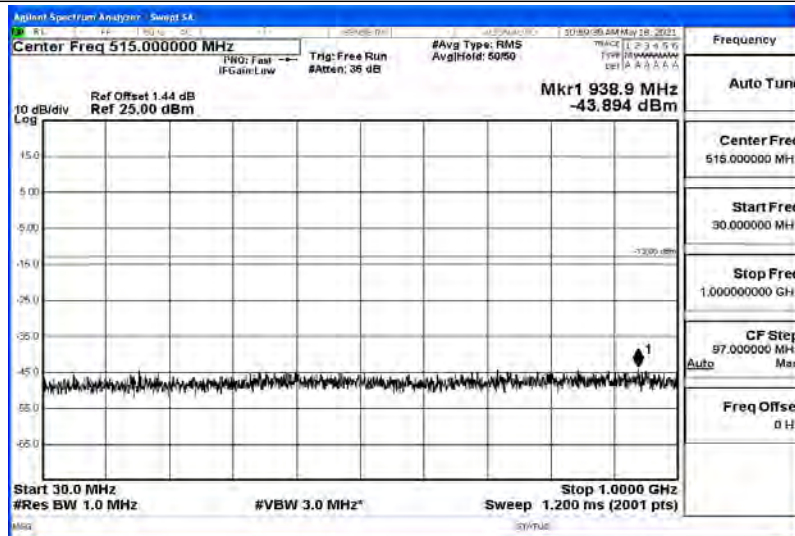
Band66-20MHz-16QAM-132072-1RB#0-Range2:1000~10000MHz



Band66-20MHz-16QAM-132072-1RB#0-Range3:10000~20000MHz



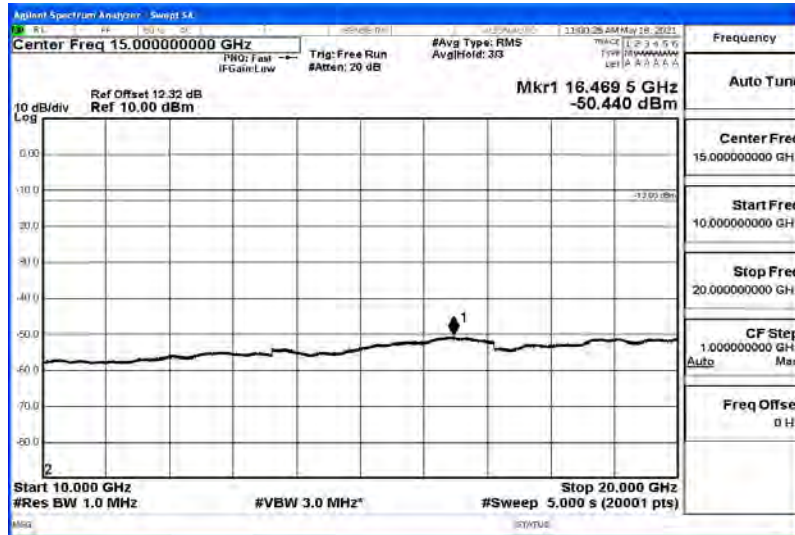
Band66-20MHz-16QAM-132322-1RB#0-Range1:30~1000MHz



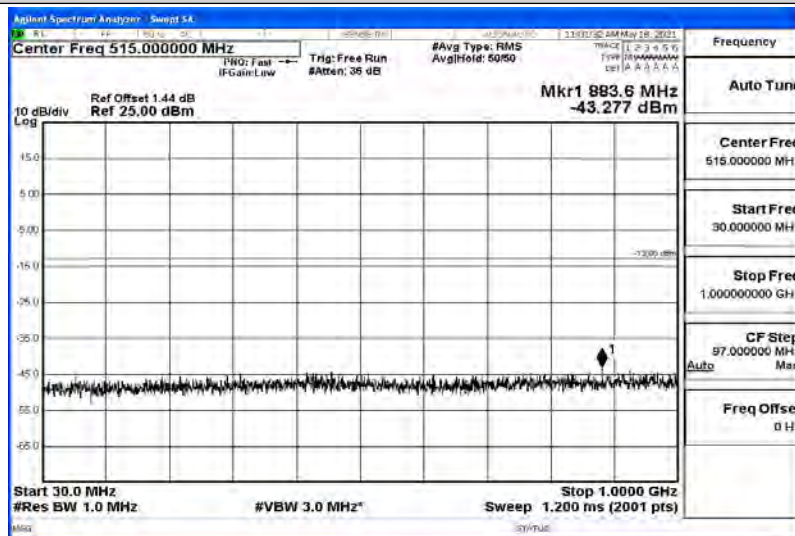
Band66-20MHz-16QAM-132322-1RB#0-Range2:1000~10000MHz



Band66-20MHz-16QAM-132322-1RB#0-Range3:10000~20000MHz



Band66-20MHz-16QAM-132572-1RB#0-Range1:30~1000MHz



Band66-20MHz-16QAM-132572-1RB#0-Range2:1000~10000MHz



Band66-20MHz-16QAM-132572-1RB#0-Range3:10000~20000MHz



Note: Not recorded test plots from 9 KHz to 30 MHz as emission levels 20dB lower than emission limit.