



Appendix E: Test Data for E-UTRA Band 4

Product Name: Smart POS

Test Model: WIZARPOS UPT

Environmental Conditions

Temperature:	23.9° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan





E.1 Conducted Output Power

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.44	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.28	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.12	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.24	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.15	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	21.98	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.03	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.59	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.52	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.49	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.62	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.62	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.51	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.65	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.29	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.35	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.21	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.20	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.19	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.20	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.19	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.44	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.36	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.16	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.07	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.02	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	20.90	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.12	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.40	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.41	PASS





Band4	1.4MHz	16QAM	20175	1RB#5	21.16	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.57	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.65	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.55	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.60	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	20.95	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.52	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.16	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.01	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.04	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.37	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.61	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.41	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.62	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.77	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.57	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.69	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.57	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.50	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.57	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.48	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.78	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.78	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.79	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.80	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.29	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.37	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.09	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.11	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.08	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.35	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.14	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.51	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.62	PASS





Band4	3MHz	16QAM	19965	1RB#14	21.75	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.68	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.81	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.56	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.62	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.66	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.67	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.37	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.60	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.90	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.87	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.69	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.31	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.19	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.10	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.21	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.31	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.26	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.05	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.63	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.82	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.56	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.75	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.66	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.36	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.92	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.66	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.58	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.50	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.66	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.66	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.51	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.56	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.34	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.52	PASS





Band4	5MHz	QPSK	20375	1RB#24	22.28	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.20	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.14	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.20	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.19	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.62	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.83	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.65	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.77	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.78	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.72	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.56	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.54	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.43	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.40	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.73	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.45	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.58	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.64	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.38	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.04	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.32	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.28	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.25	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.28	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.12	PASS
Band4	10MHz	QPSK	20000	1RB#0	21.73	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.21	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.59	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.79	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.74	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.78	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.70	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.60	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.78	PASS





Band4	10MHz	QPSK	20175	1RB#49	22.23	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.67	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.64	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.50	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.54	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.10	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.54	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.19	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.41	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.39	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.28	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.25	PASS
Band4	10MHz	16QAM	20000	1RB#0	20.72	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.29	PASS
Band4	10MHz	16QAM	20000	1RB#49	20.69	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.84	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.79	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.85	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.78	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.65	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.04	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.13	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.71	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.63	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.49	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.60	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.31	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.77	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.29	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.45	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.43	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.30	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.33	PASS
Band4	15MHz	QPSK	20025	1RB#0	21.79	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.64	PASS





Band4	15MHz	QPSK	20025	1RB#74	22.66	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.05	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.68	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.78	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.72	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.45	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.46	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.31	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.79	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.79	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.53	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.66	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.30	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.35	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.34	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.73	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.63	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.47	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.53	PASS
Band4	15MHz	16QAM	20025	1RB#0	20.95	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.95	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.84	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.16	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.66	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.73	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.55	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.79	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.69	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.46	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.89	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.79	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.54	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.61	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.54	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.49	PASS





Band4	15MHz	16QAM	20325	1RB#74	21.42	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.64	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.39	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.49	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.70	PASS
Band4	20MHz	QPSK	20050	1RB#0	21.92	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.97	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.64	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.74	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.68	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.77	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.71	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.33	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.73	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.35	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.59	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.67	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.28	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.57	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.50	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.64	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.15	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.31	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.31	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.23	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.27	PASS
Band4	20MHz	16QAM	20050	1RB#0	20.71	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.90	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.46	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.63	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.86	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.80	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.73	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.54	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.46	PASS





Band4	20MHz	16QAM	20175	1RB#99	21.84	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.72	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.54	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.34	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.59	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.21	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.43	PASS
Band4	20MHz	16QAM	20300	1RB#99	20.92	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.49	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.49	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.31	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.22	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	5.17	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.06	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.16	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.06	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.87	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.93	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.32	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.12	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.23	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.17	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.90	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.00	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.31	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.08	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.23	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.10	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.83	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.98	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.36	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.00	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.19	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.14	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.83	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.99	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.60	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.14	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.45	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.28	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.58	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.10	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.37	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.93	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.30	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.15	13	PASS





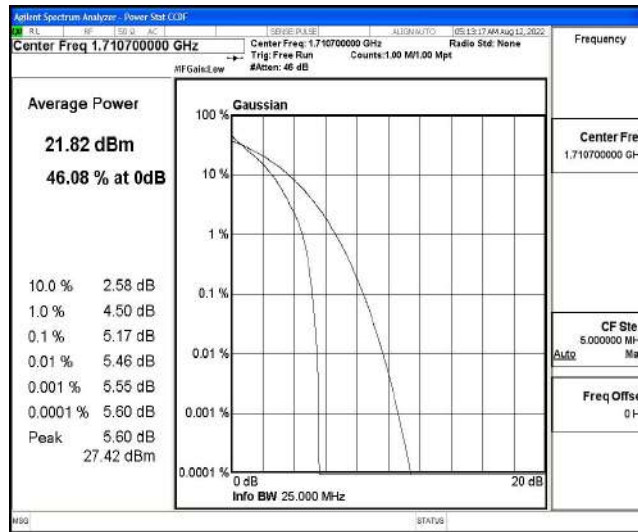
Band4	20MHz	16QAM	20175	100RB#0	5.83	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.04	13	PASS



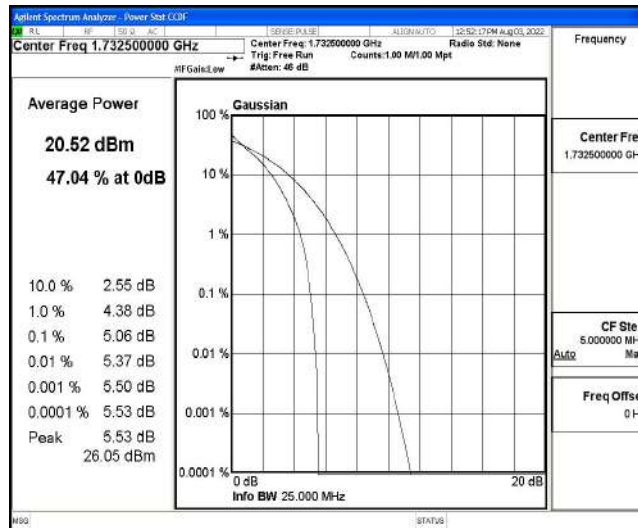


Test Graphs

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

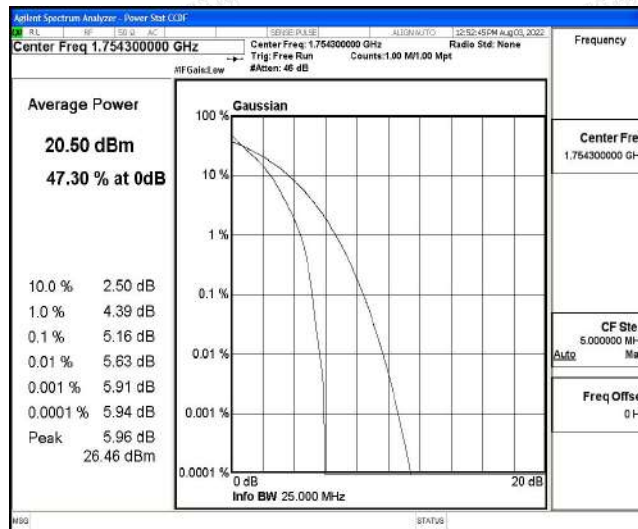


Band4-1.4MHz-QPSK-20175-6RB#0

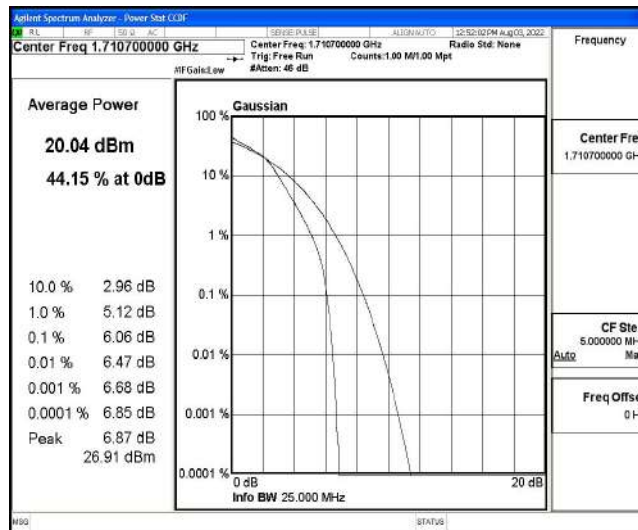


Band4-1.4MHz-QPSK-20393-6RB#0

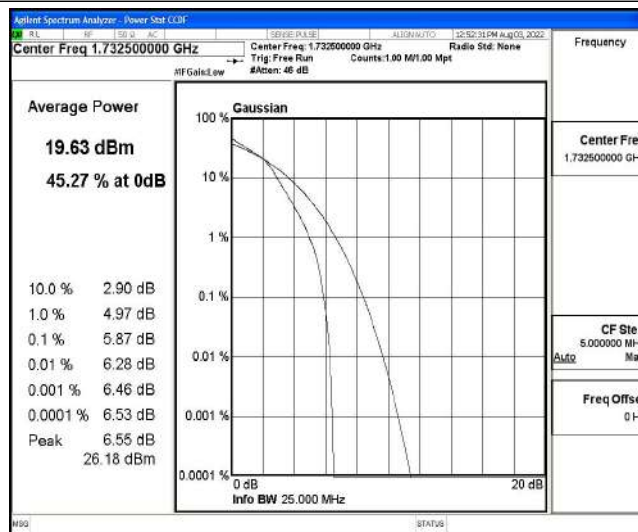




Band4-1.4MHz-16QAM-19957-6RB#0

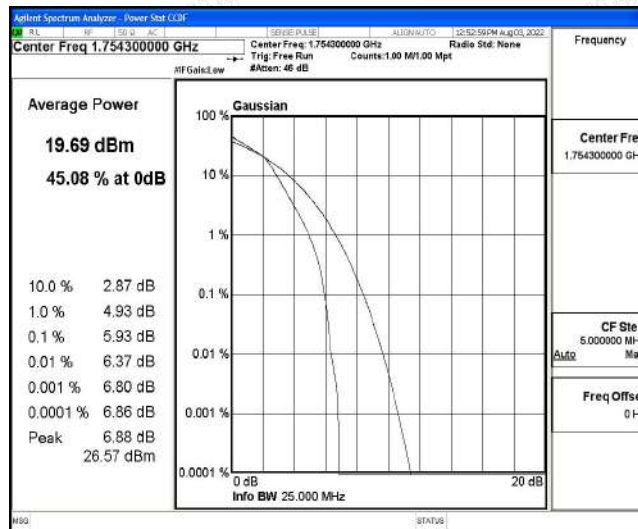


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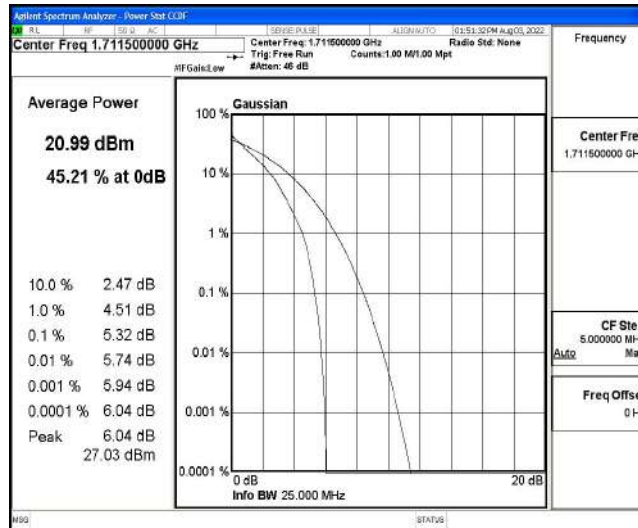


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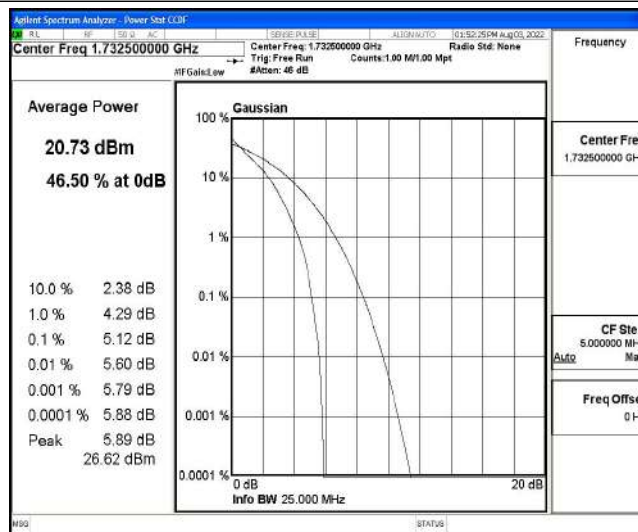




Band4-3MHz-QPSK-19965-15RB#0

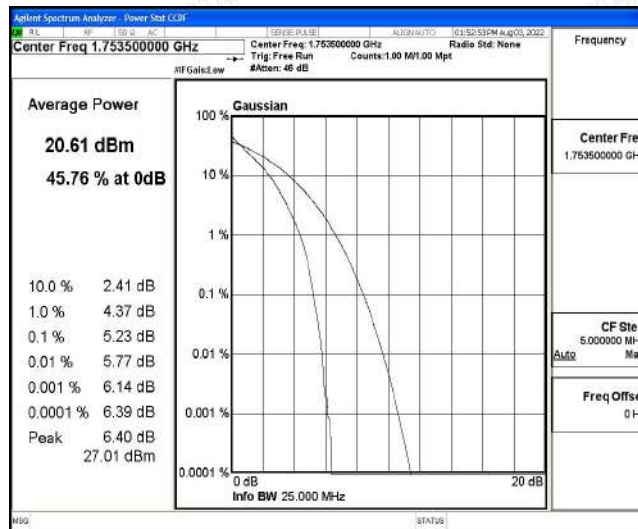


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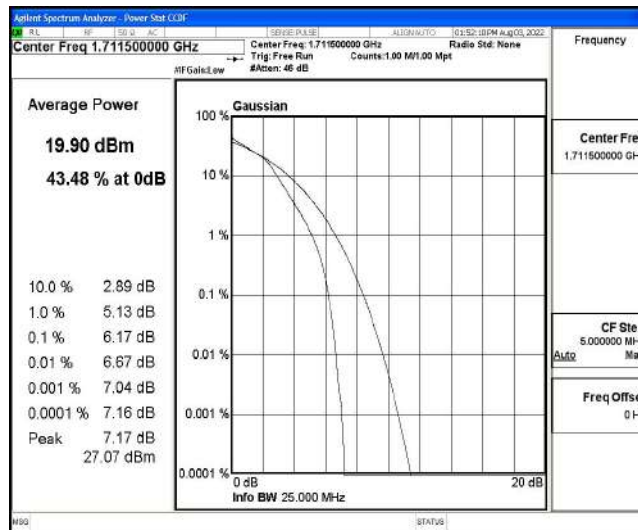


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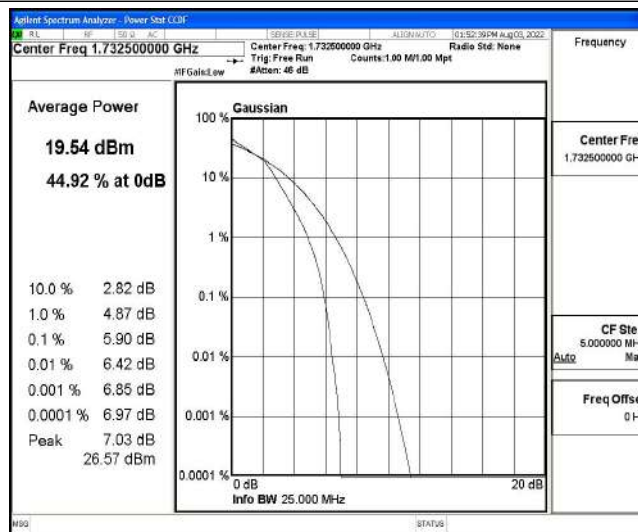




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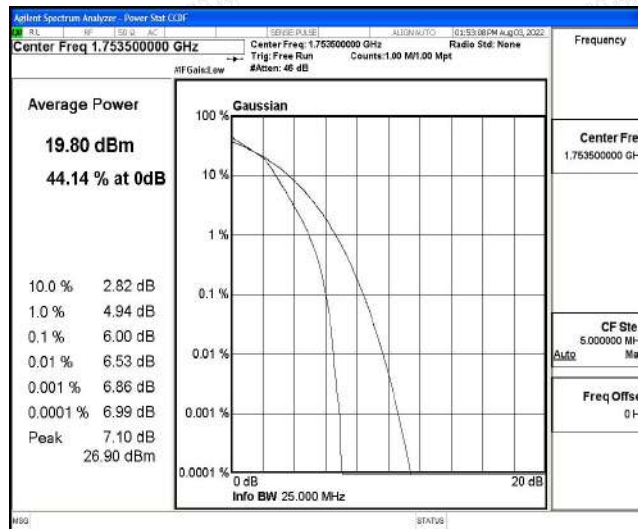


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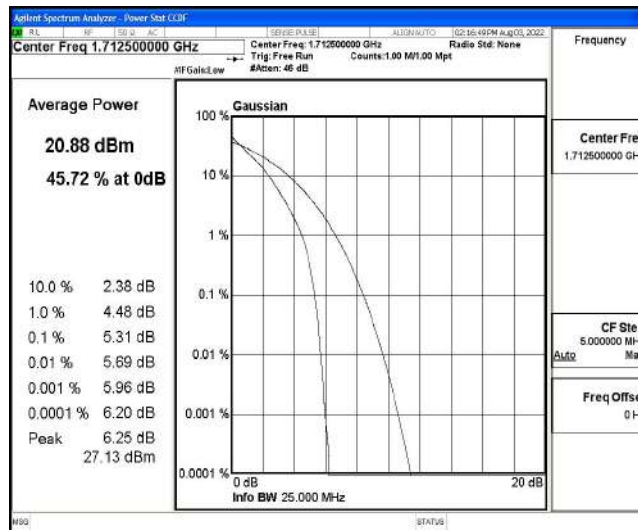


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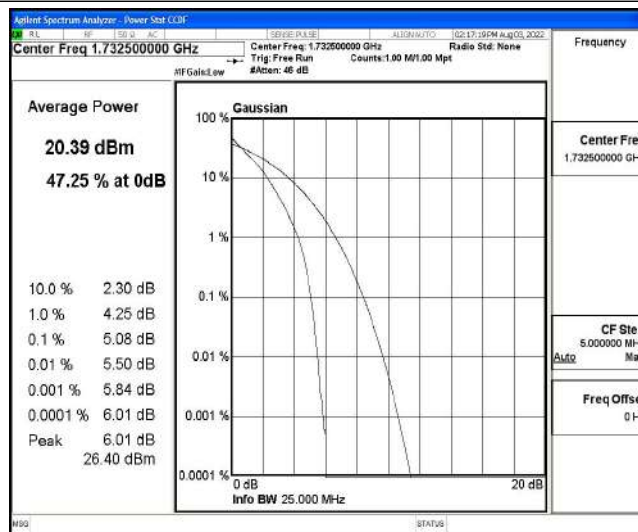




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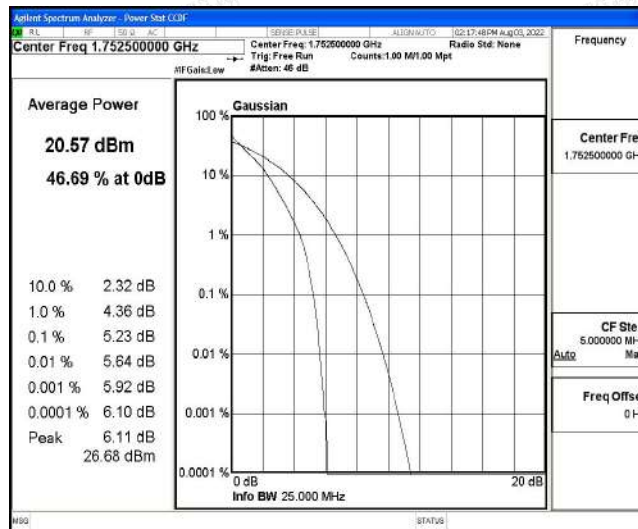


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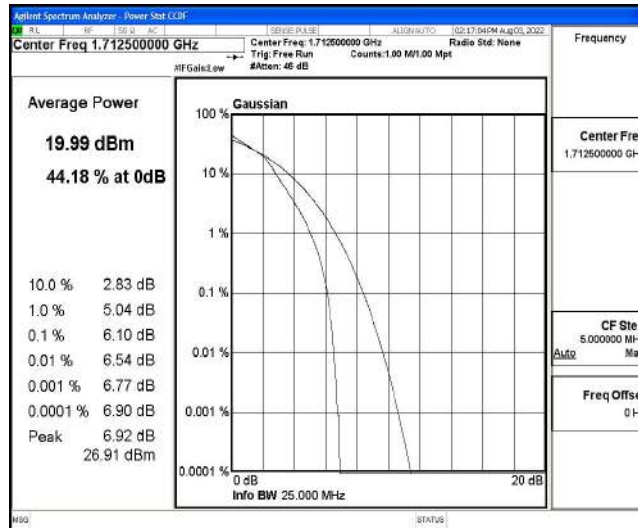


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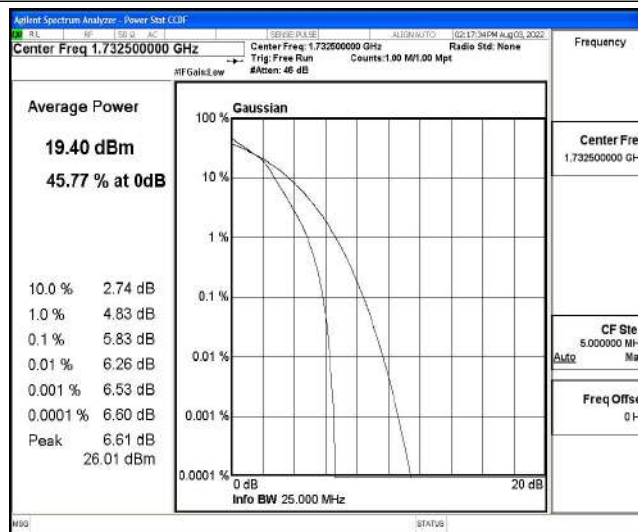




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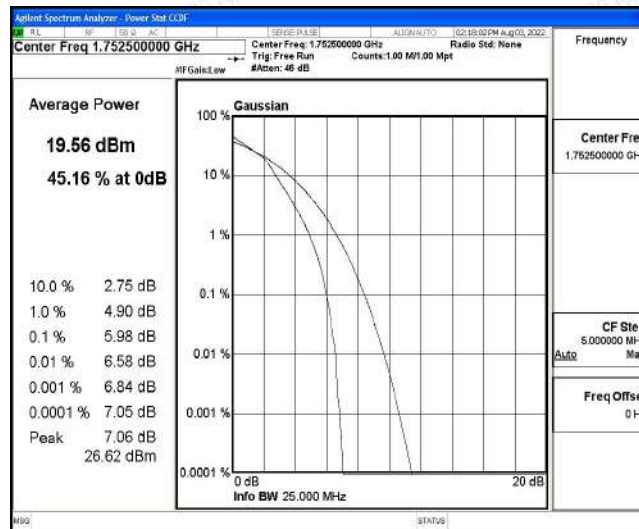


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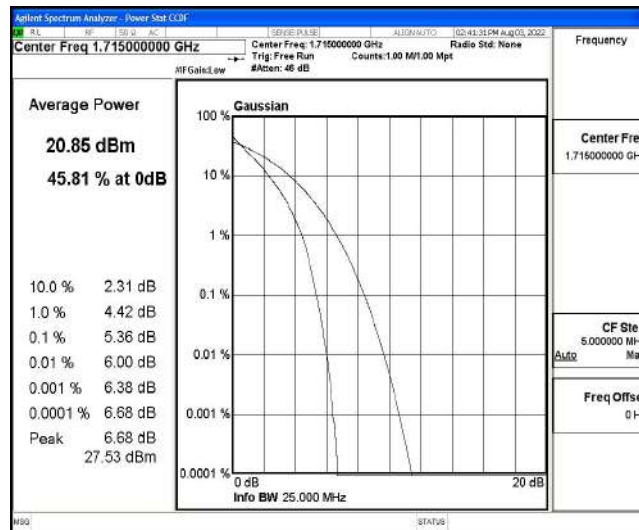


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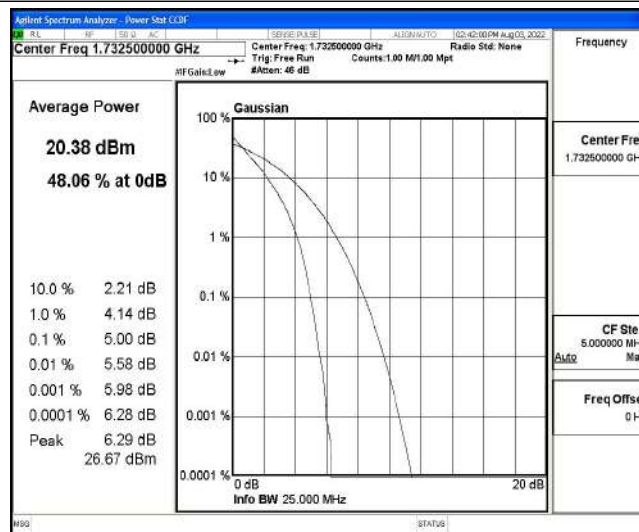




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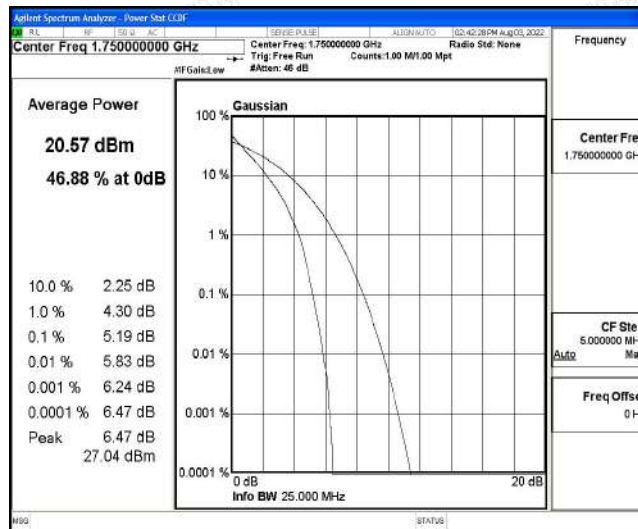


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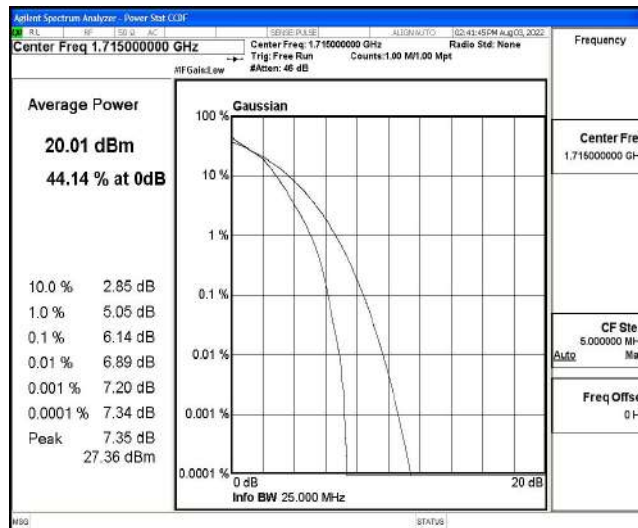


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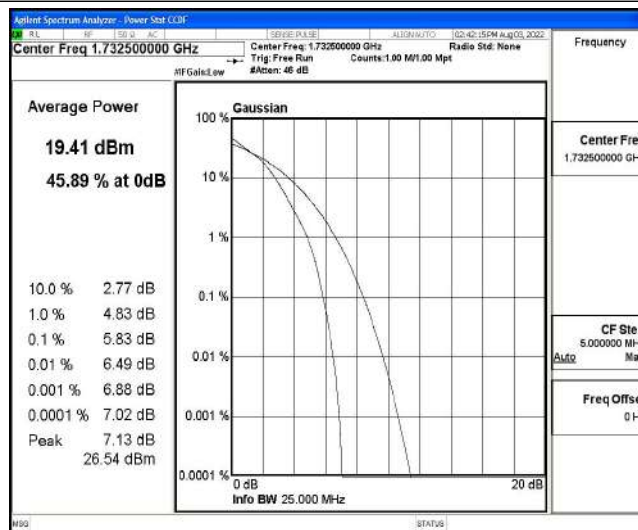




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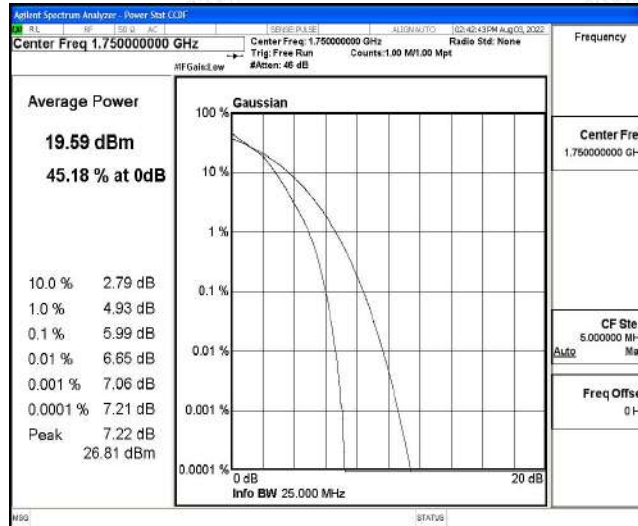


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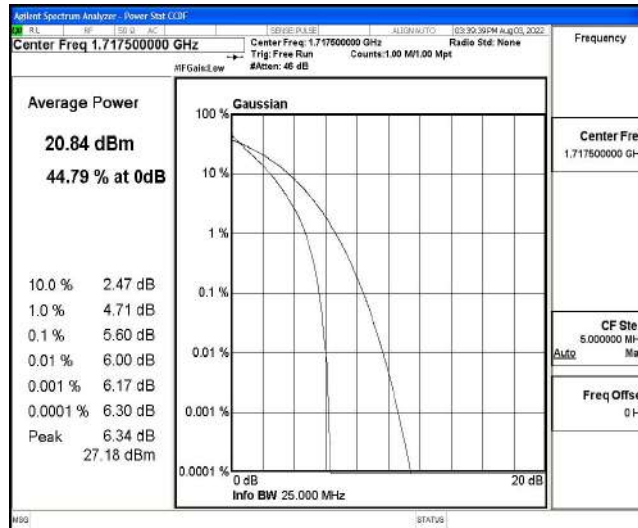


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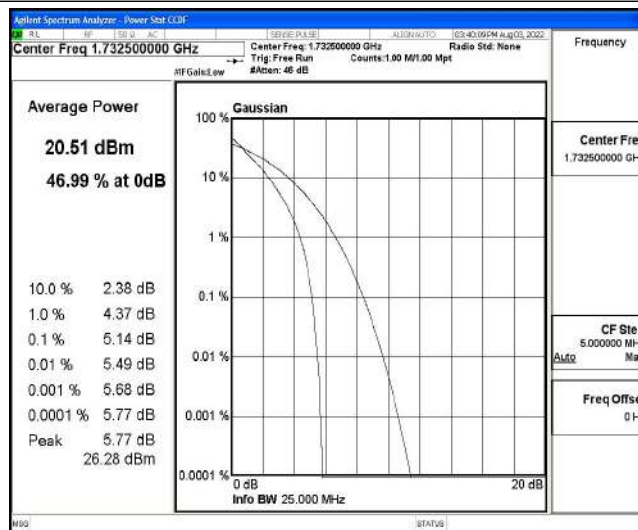




Band4-15MHz-QPSK-20025-75RB#0

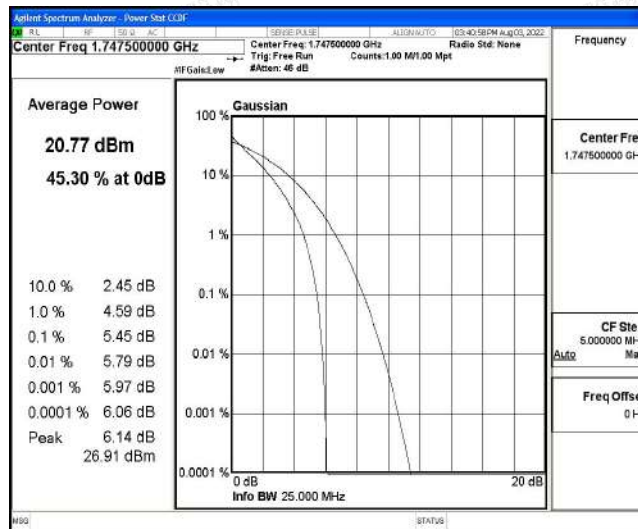


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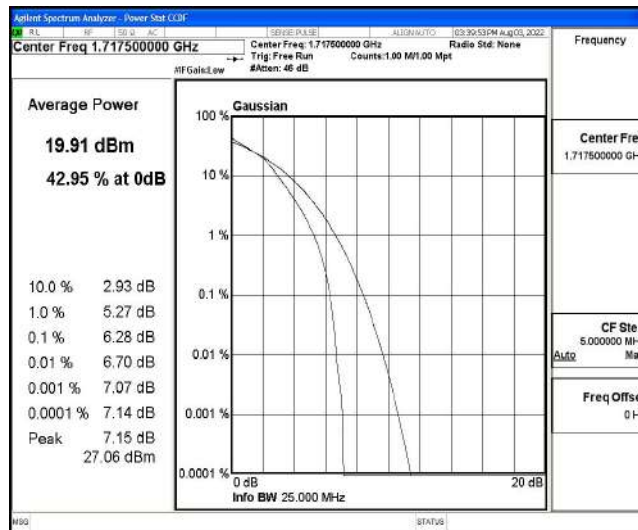


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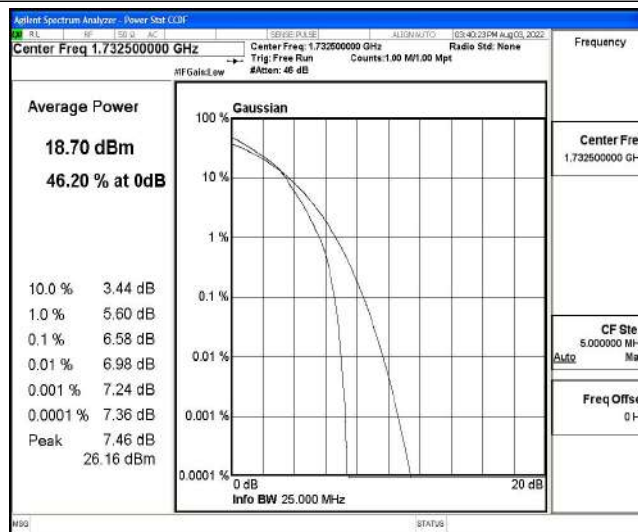




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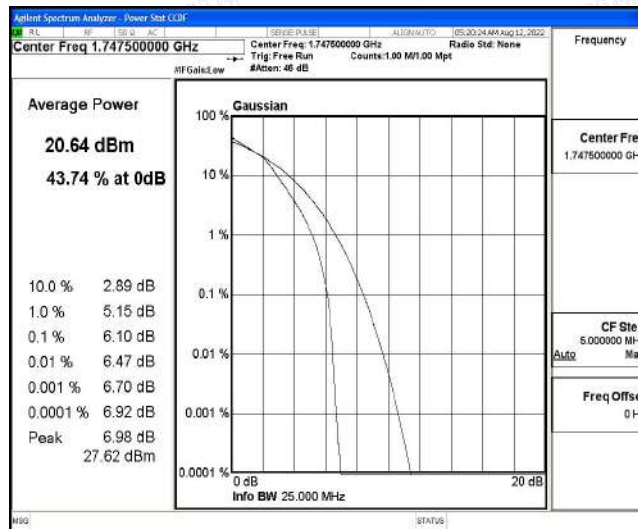


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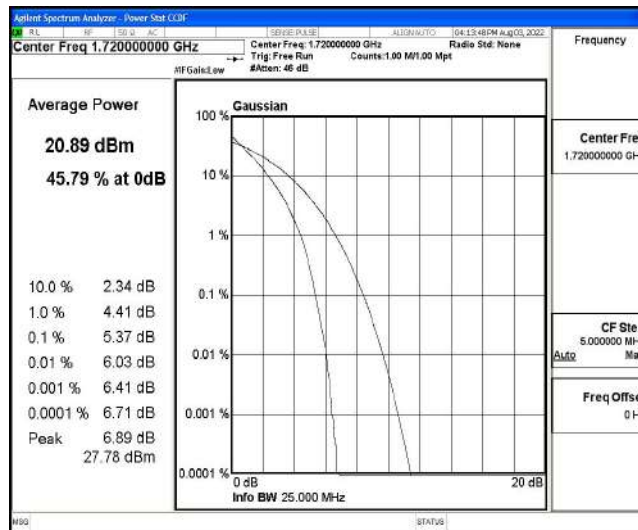


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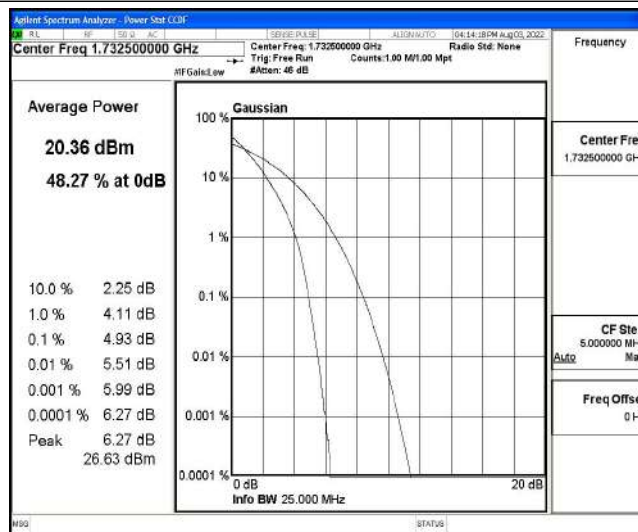




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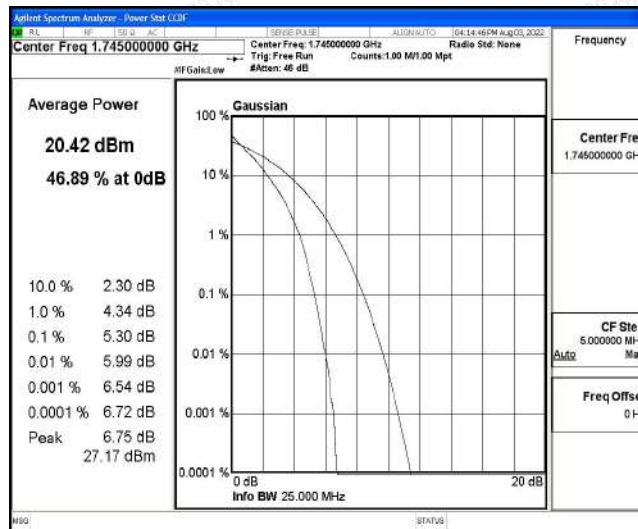


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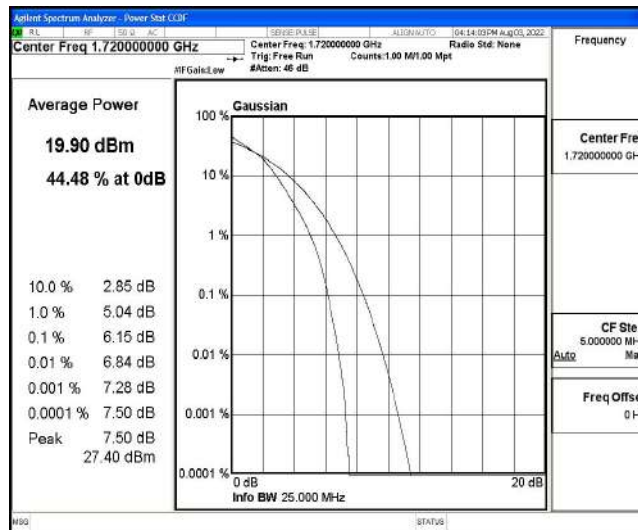


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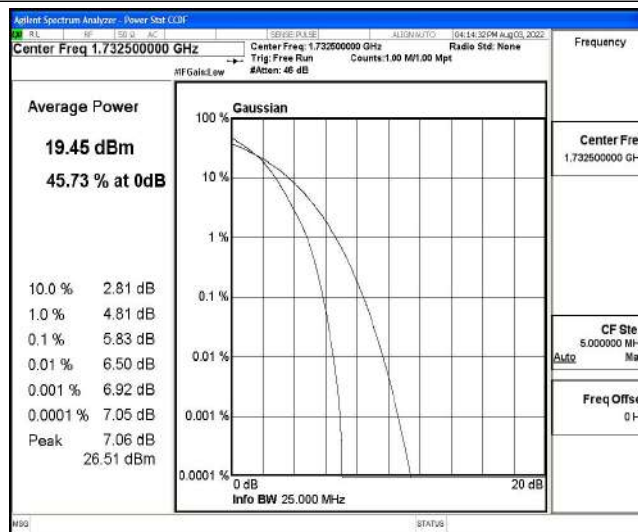




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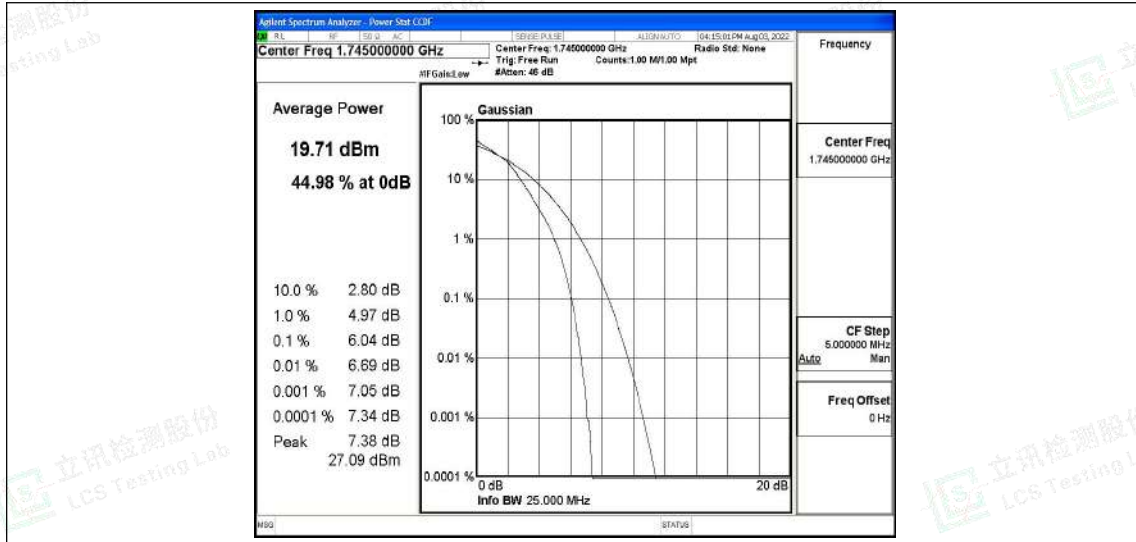


Band4-20MHz-16QAM-20175-100RB#0



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







E.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0928	1.304	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0936	1.285	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0909	1.304	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0926	1.275	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0996	1.281	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0943	1.277	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6973	2.976	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7014	2.975	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6973	2.966	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6886	2.956	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6877	2.961	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6963	2.978	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5094	5.017	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5059	5.019	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5104	5.017	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4975	5.012	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5035	5.002	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5064	4.985	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9959	9.912	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9485	9.850	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9873	9.804	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9716	9.878	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9682	9.795	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9684	9.785	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.487	14.84	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.395	14.66	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.417	14.82	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.476	14.72	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.427	14.67	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.434	14.69	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.935	19.49	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.813	19.34	PASS





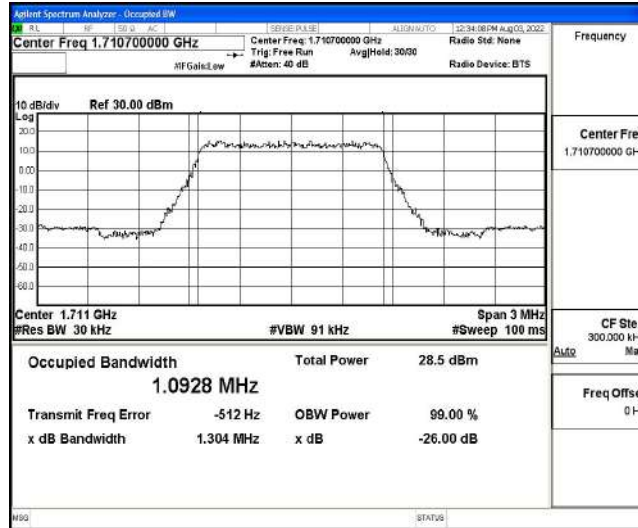
Band4	20MHz	QPSK	20300	100RB#0	17.950	19.55	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.939	19.53	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.827	19.22	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.904	19.20	PASS



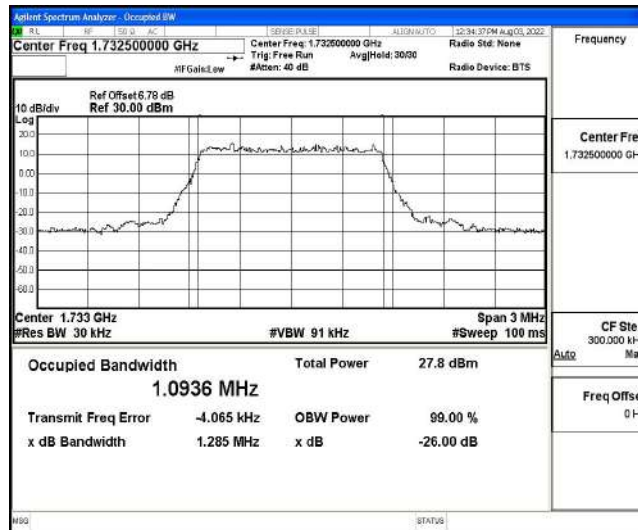


Test Graphs

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

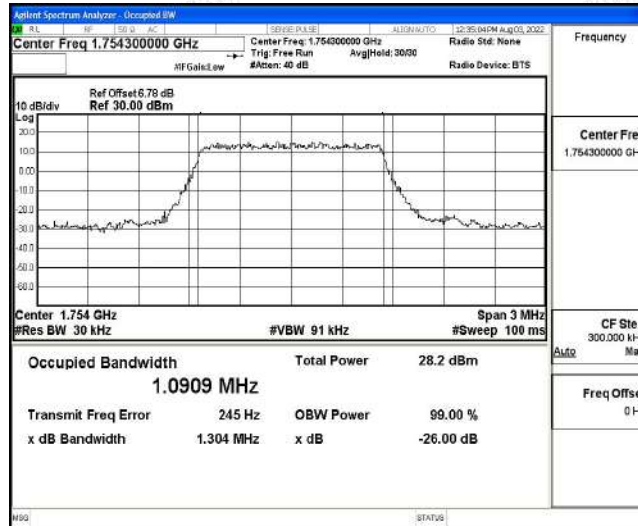


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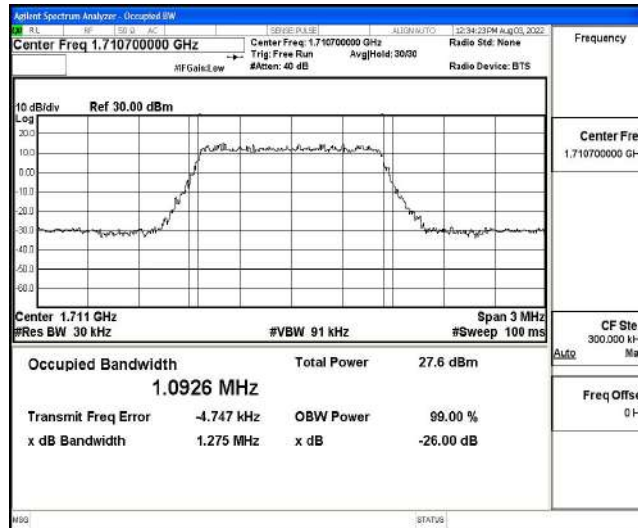


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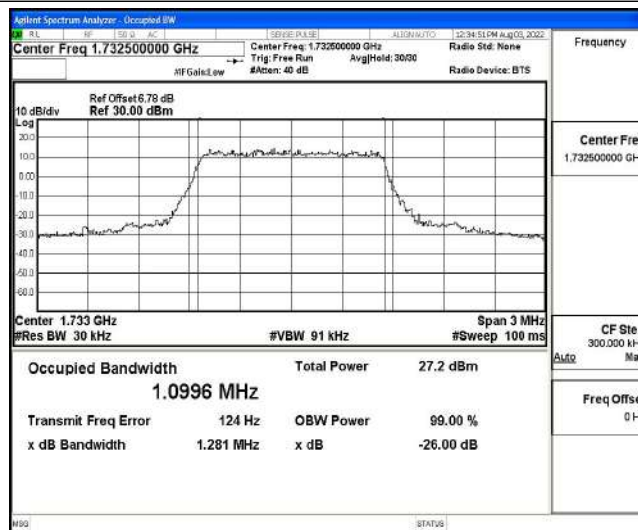




Band4-1.4MHz-16QAM-19957-6RB#0

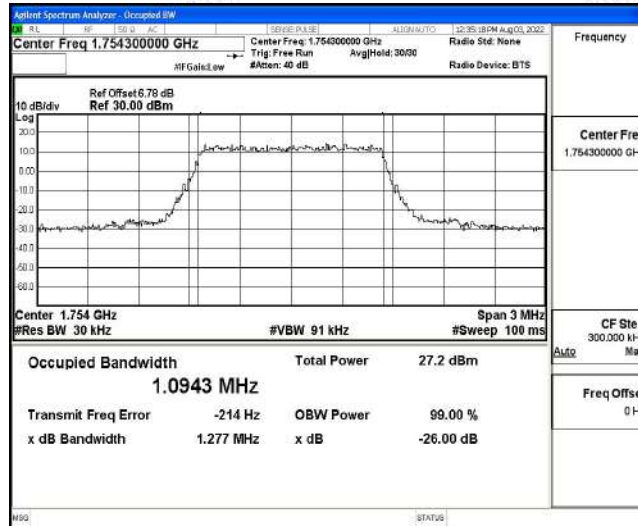


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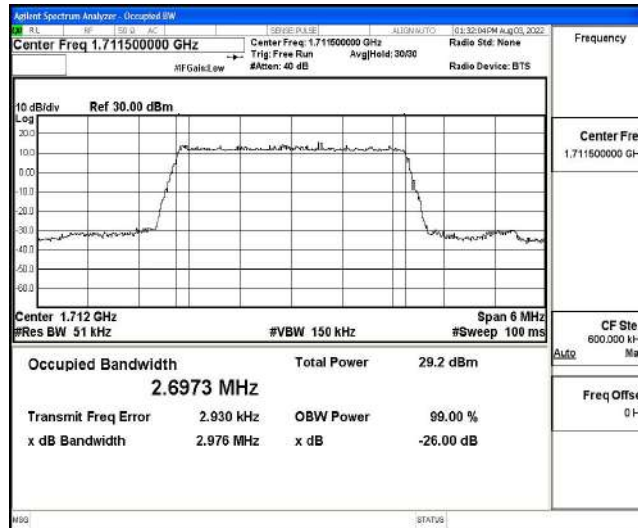


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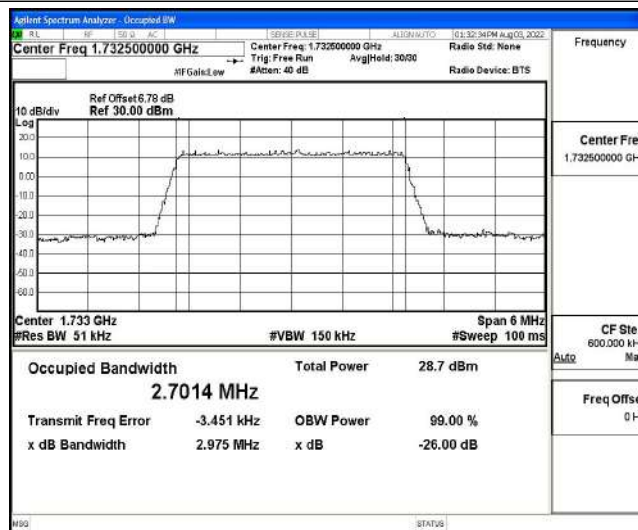




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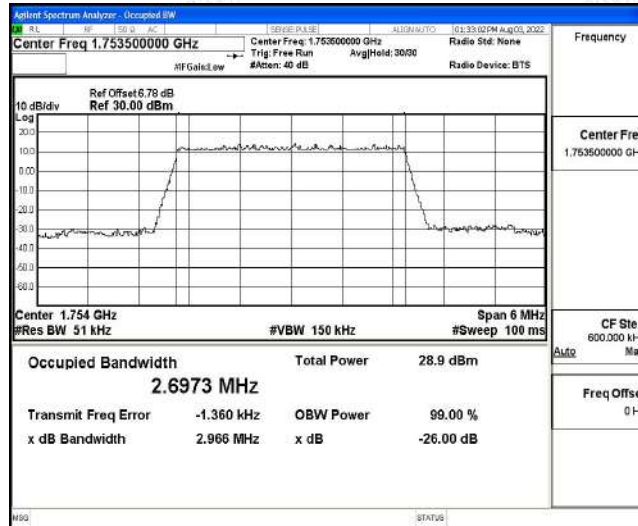


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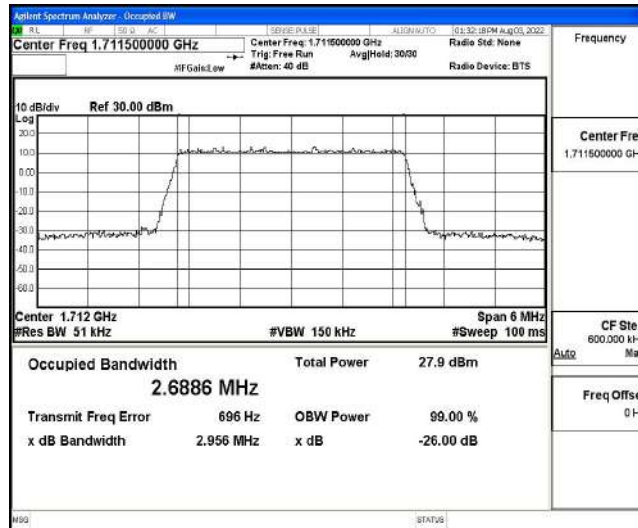


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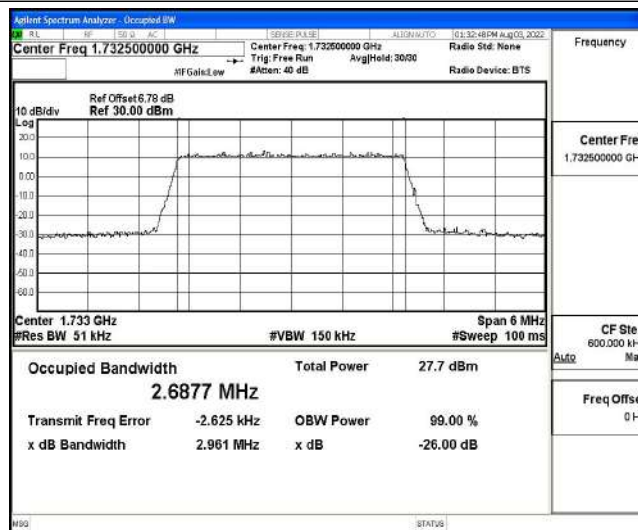




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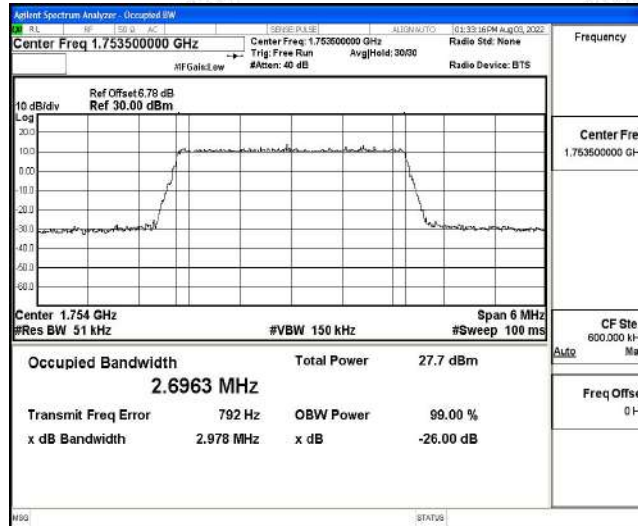


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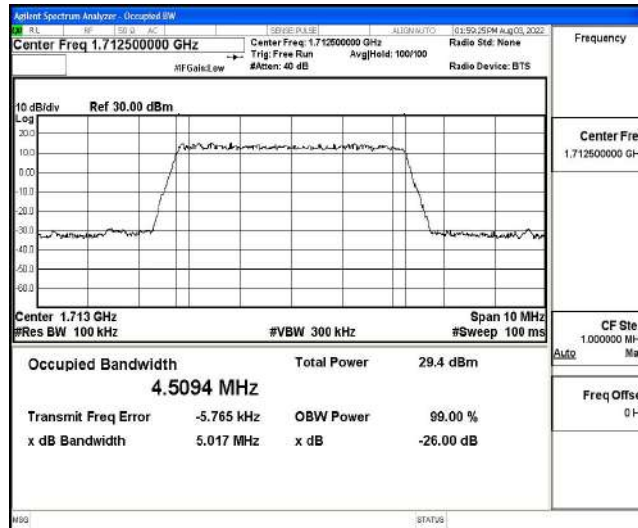


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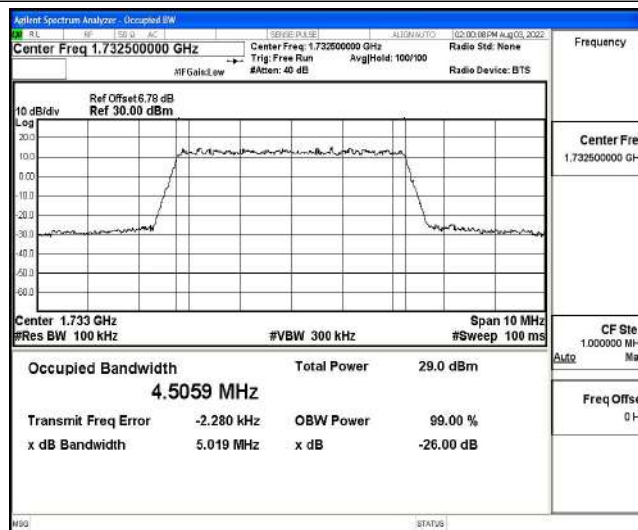




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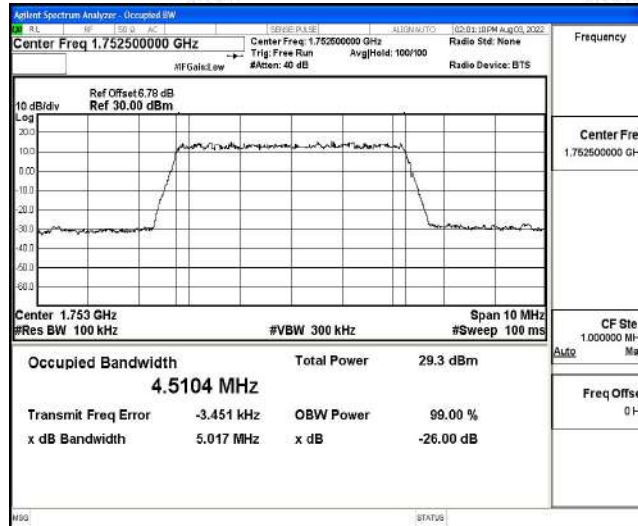


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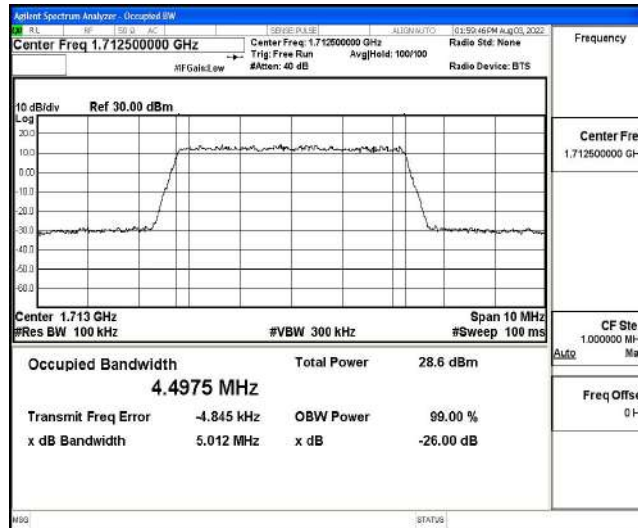


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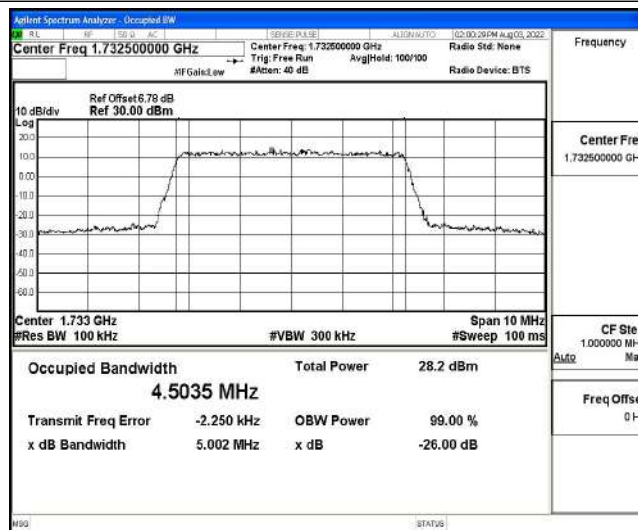




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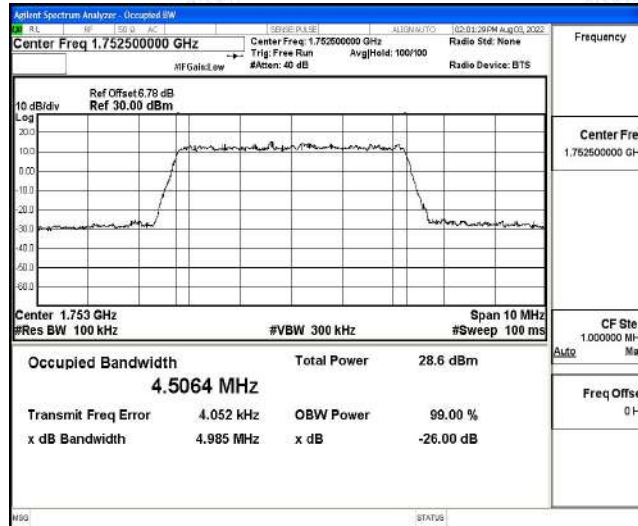


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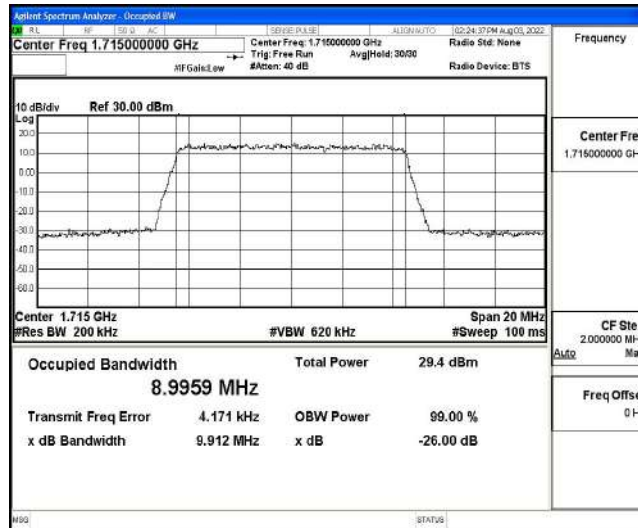


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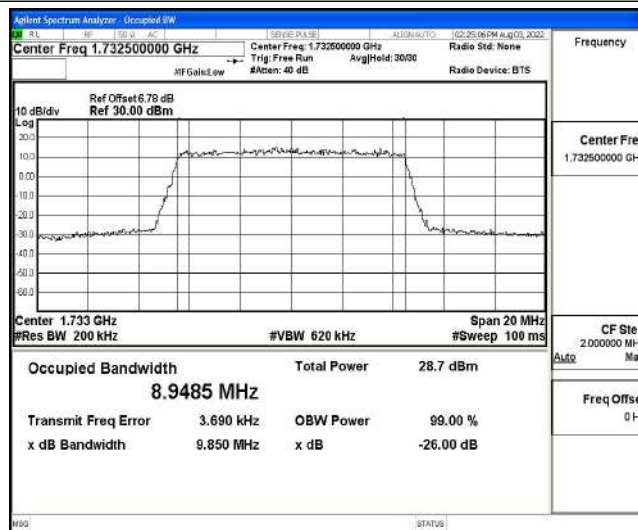




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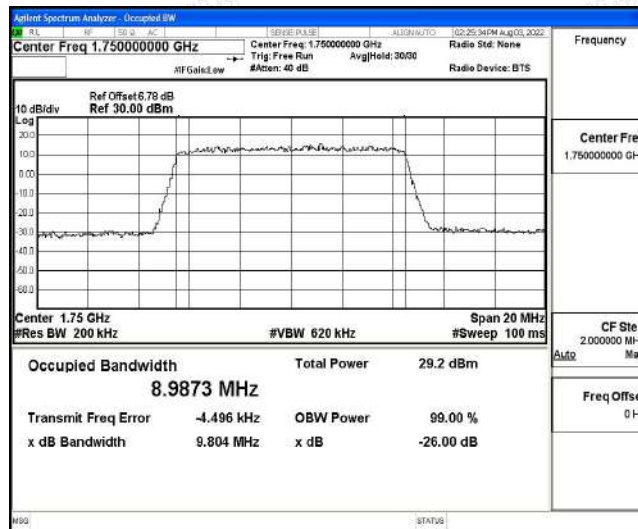


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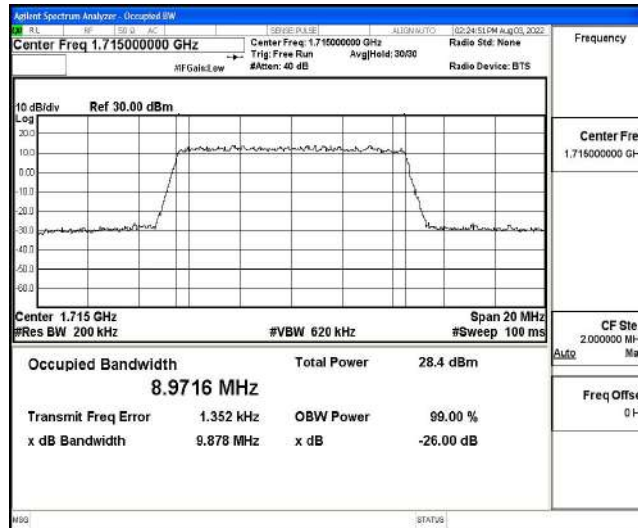


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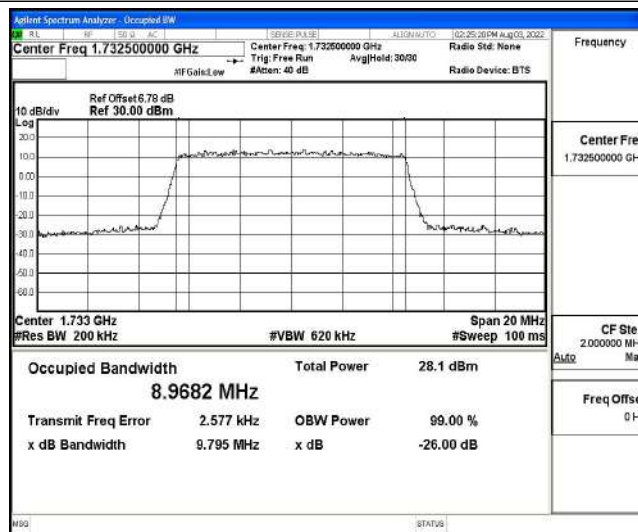




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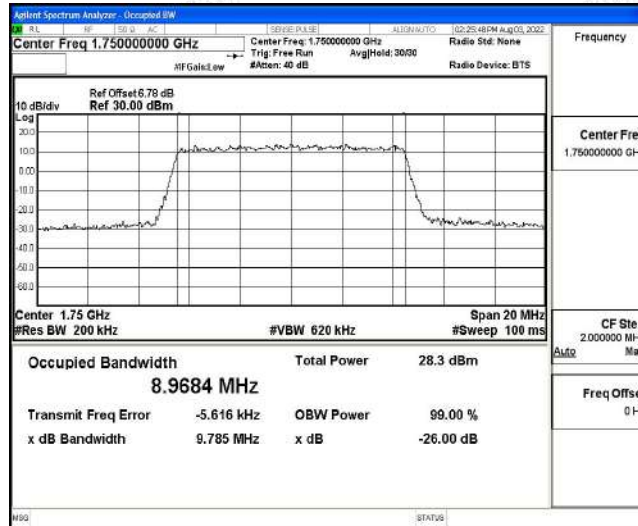


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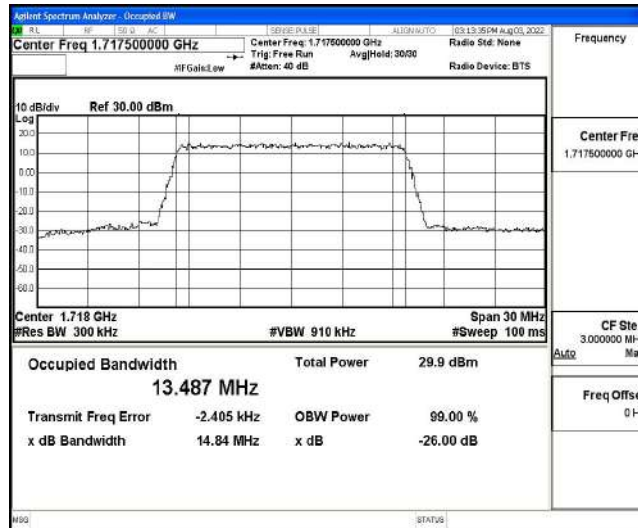


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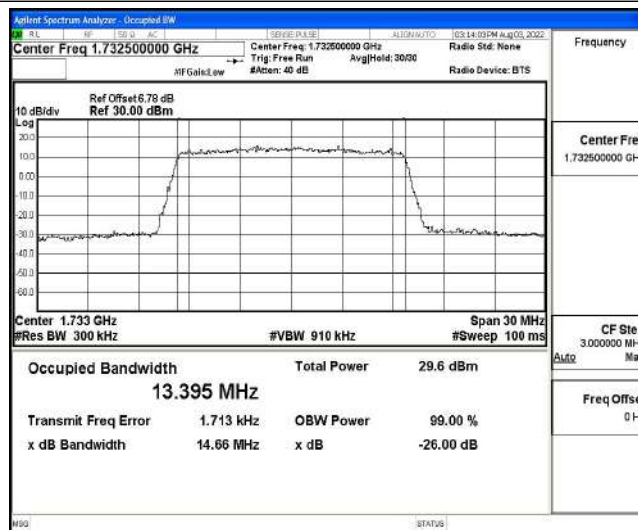




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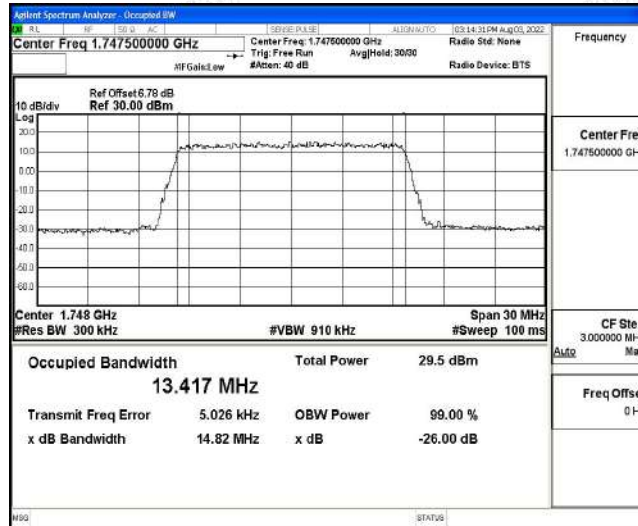


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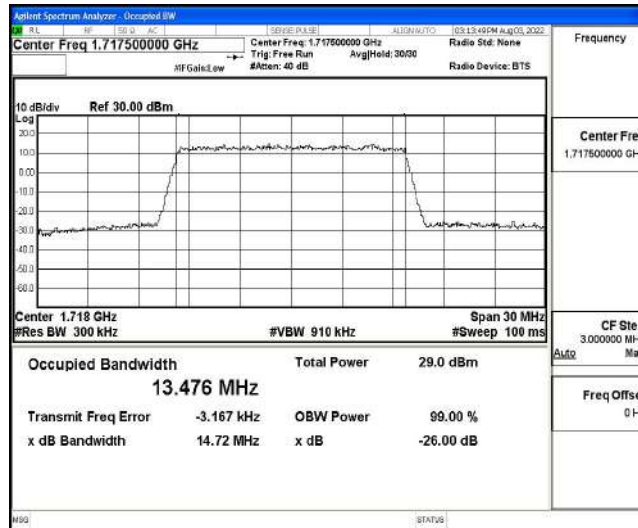


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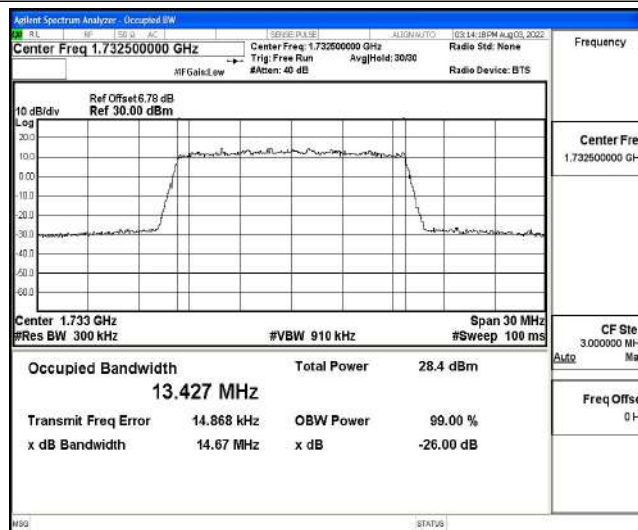




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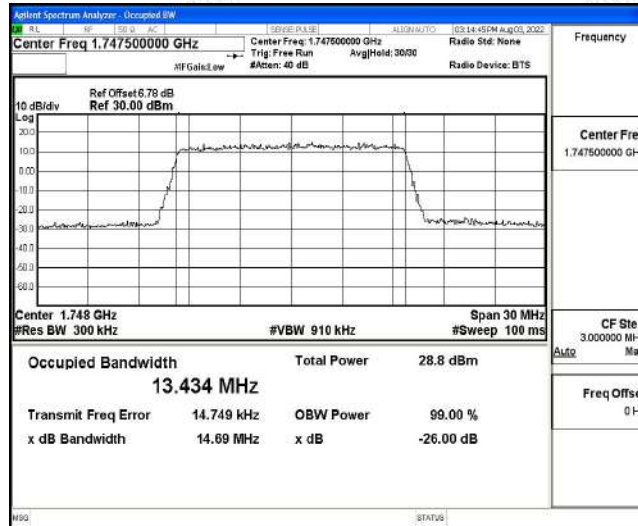


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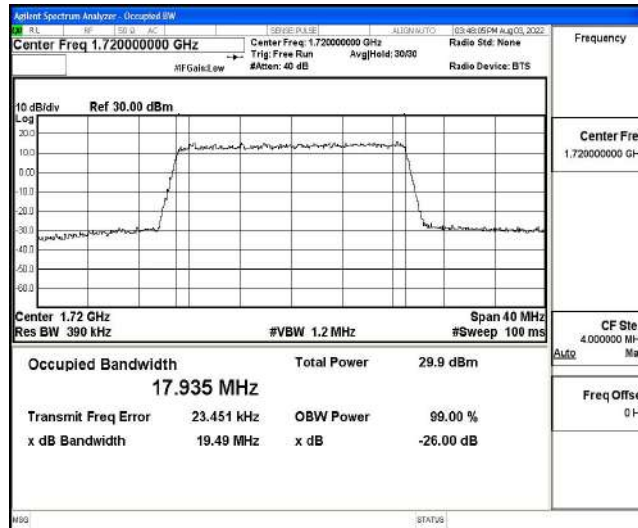


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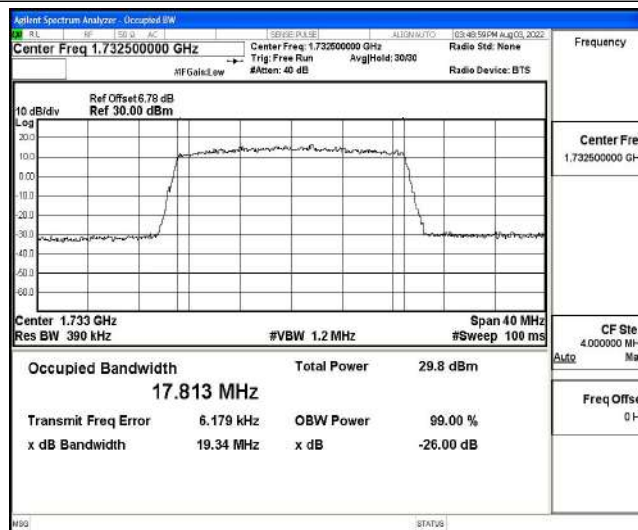




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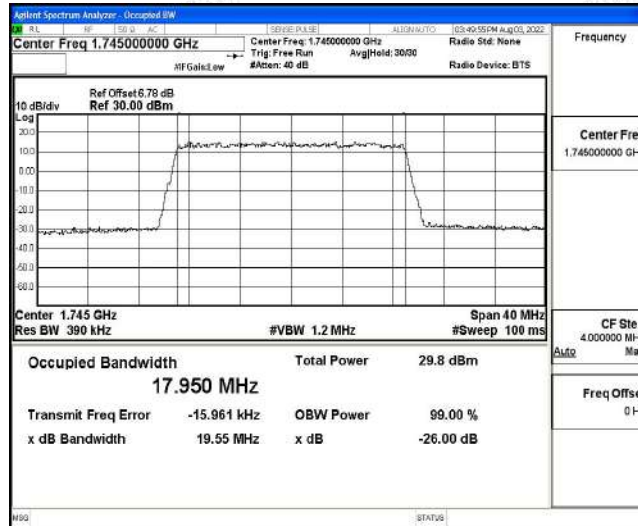


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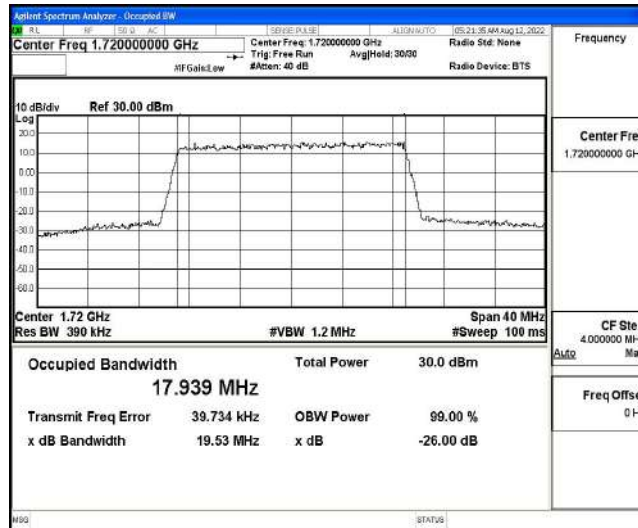


Band4-20MHz-QPSK-20300-100RB#0

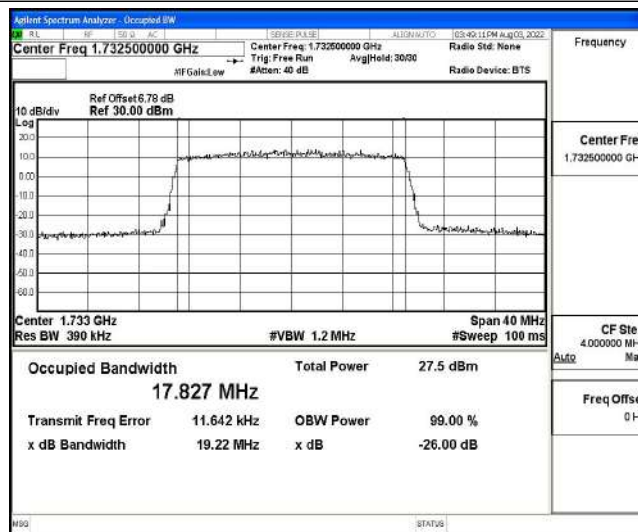




Band4-20MHz-16QAM-20050-100RB#0

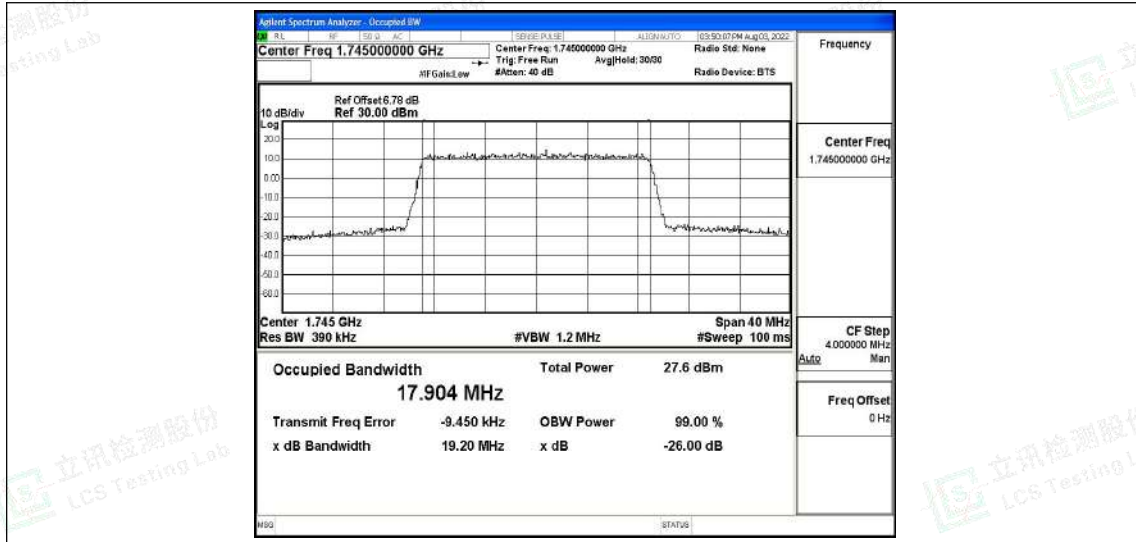


Band4-20MHz-16QAM-20175-100RB#0



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







E.4 Band Edge

Test Result

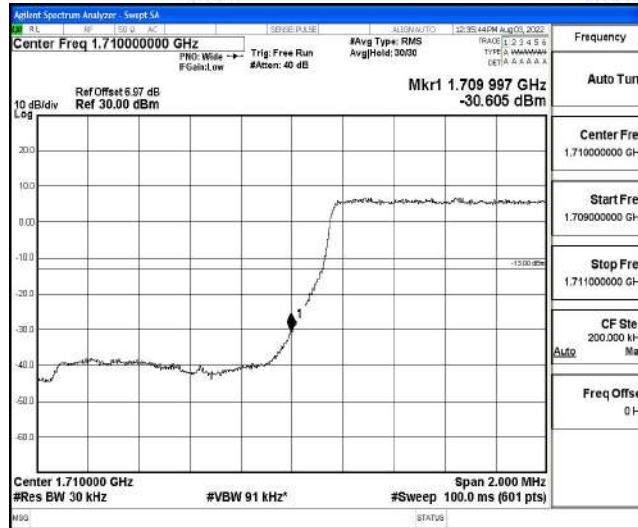
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-30.61	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-29.41	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-30.50	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	-26.17	PASS
Band4	3MHz	QPSK	20385	15RB#0	-27.25	PASS
Band4	3MHz	16QAM	19965	15RB#0	-28.26	PASS
Band4	3MHz	16QAM	20385	15RB#0	-27.25	PASS
Band4	5MHz	QPSK	19975	25RB#0	-26.54	PASS
Band4	5MHz	QPSK	20375	25RB#0	-27.01	PASS
Band4	5MHz	16QAM	19975	25RB#0	-27.70	PASS
Band4	5MHz	16QAM	20375	25RB#0	-27.85	PASS
Band4	10MHz	QPSK	20000	50RB#0	-30.53	PASS
Band4	10MHz	QPSK	20350	50RB#0	-30.73	PASS
Band4	10MHz	16QAM	20000	50RB#0	-31.63	PASS
Band4	10MHz	16QAM	20350	50RB#0	-30.65	PASS
Band4	15MHz	QPSK	20025	75RB#0	-33.48	PASS
Band4	15MHz	QPSK	20325	75RB#0	-34.86	PASS
Band4	15MHz	16QAM	20025	75RB#0	-33.68	PASS
Band4	15MHz	16QAM	20325	75RB#0	-33.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	-35.05	PASS
Band4	20MHz	QPSK	20300	100RB#0	-34.51	PASS
Band4	20MHz	16QAM	20050	100RB#0	-35.13	PASS
Band4	20MHz	16QAM	20300	100RB#0	-33.83	PASS

Test Graphs

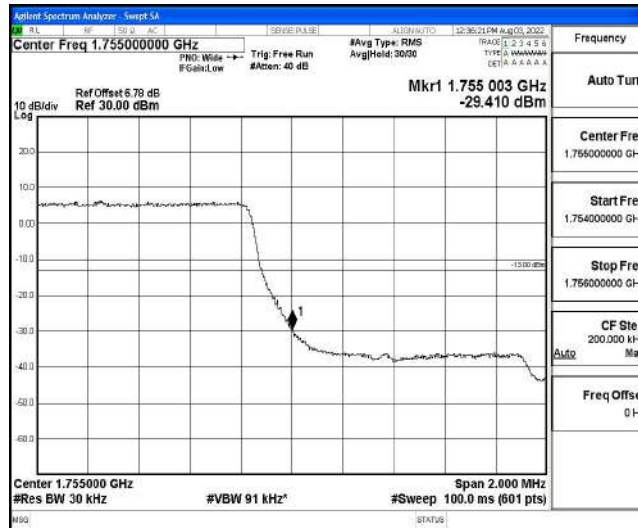
Band4-1.4MHz-QPSK-19957-6RB#0



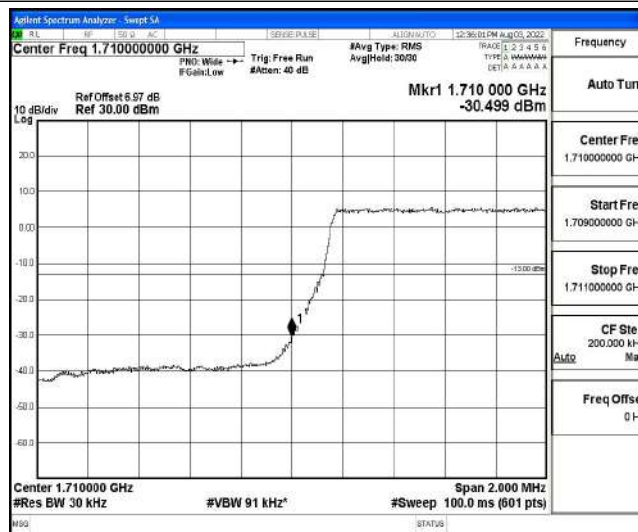
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



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

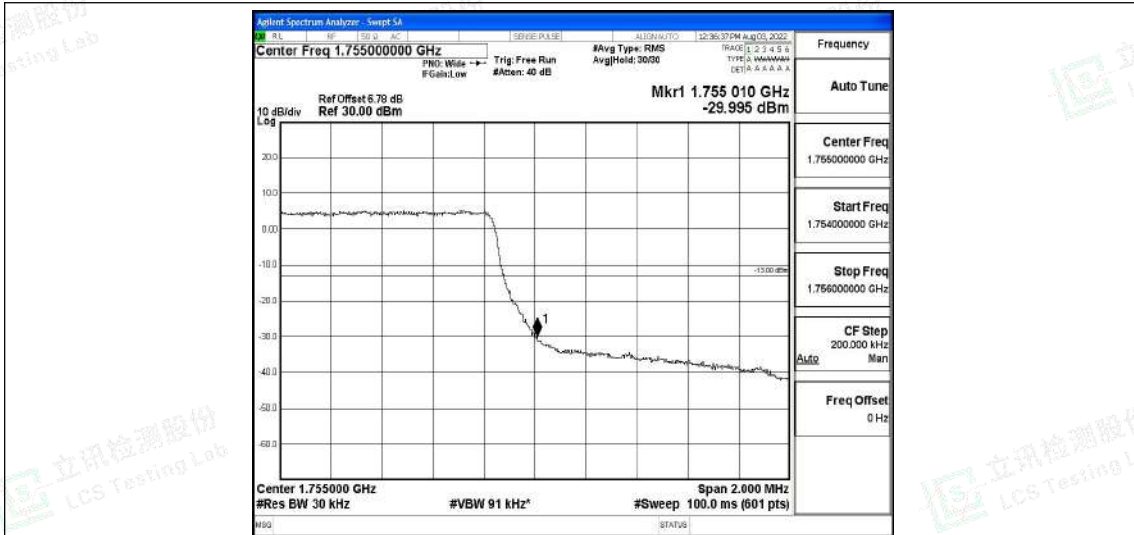


Band4-1.4MHz-16QAM-19957-6RB#0

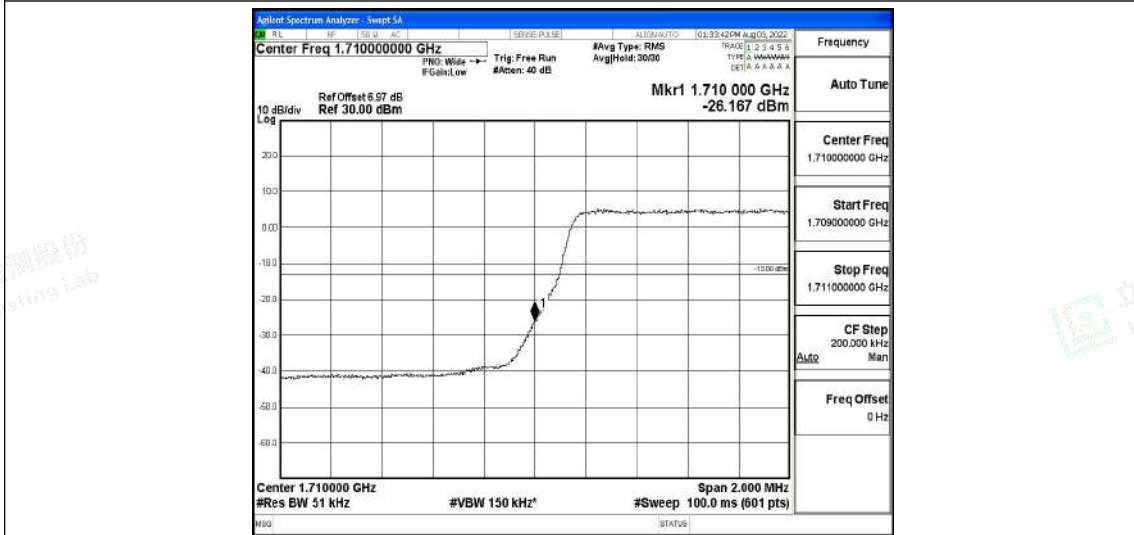


Band4-1.4MHz-16QAM-20393-6RB#0

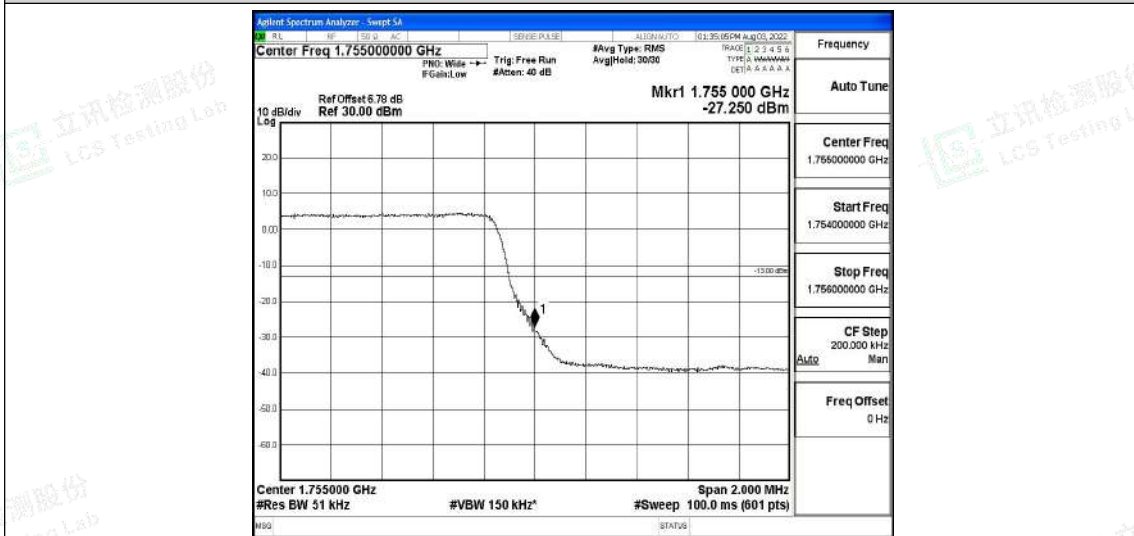




Band4-3MHz-QPSK-19965-15RB#0

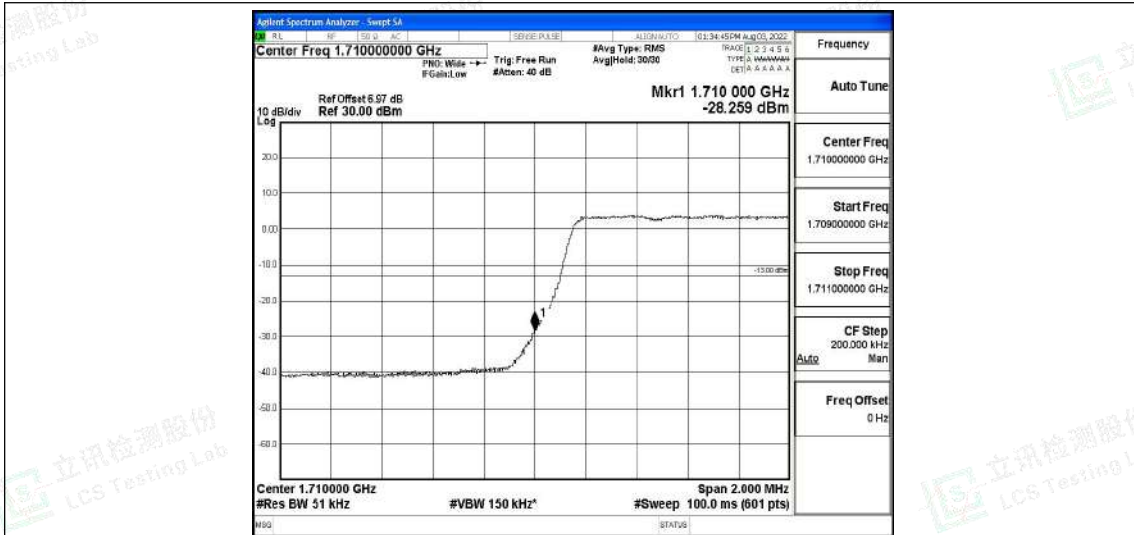


Band4-3MHz-QPSK-20385-15RB#0

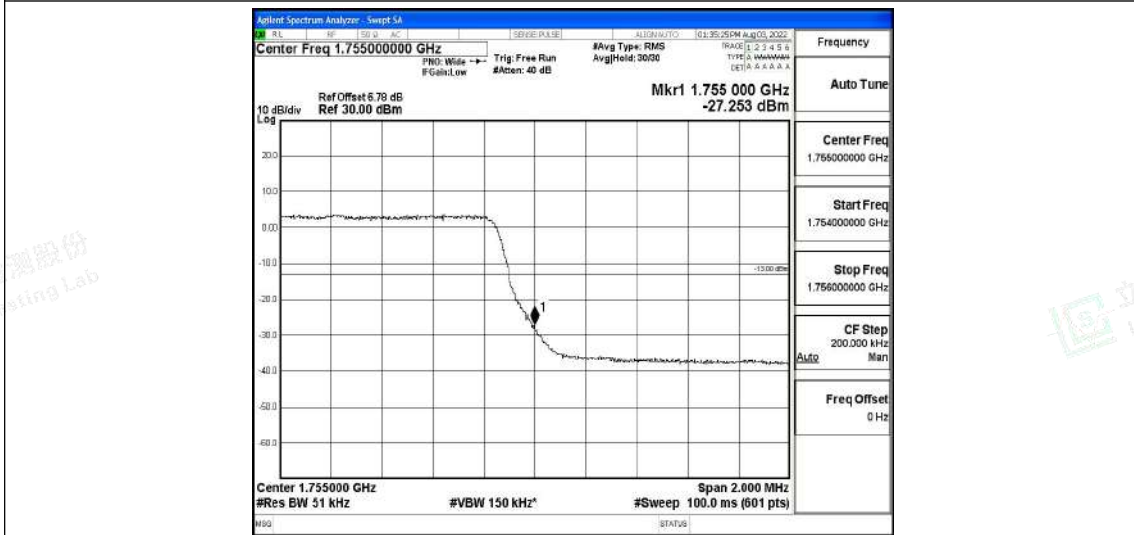


Band4-3MHz-16QAM-19965-15RB#0

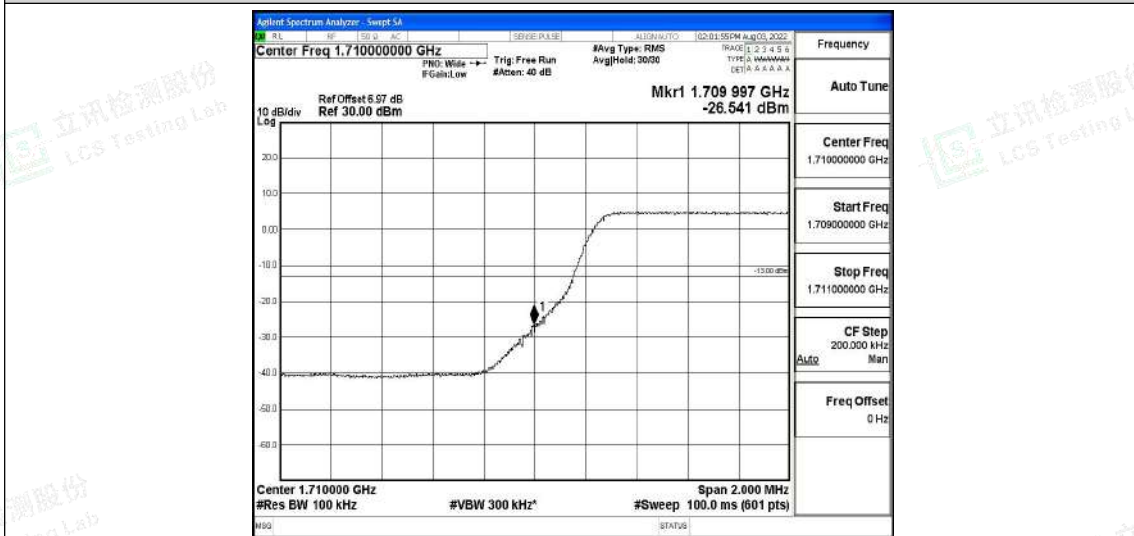




Band4-3MHz-16QAM-20385-15RB#0

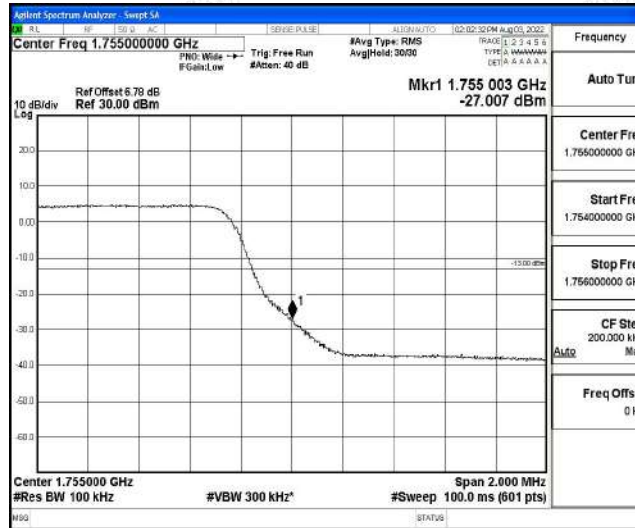


Band4-5MHz-QPSK-19975-25RB#0

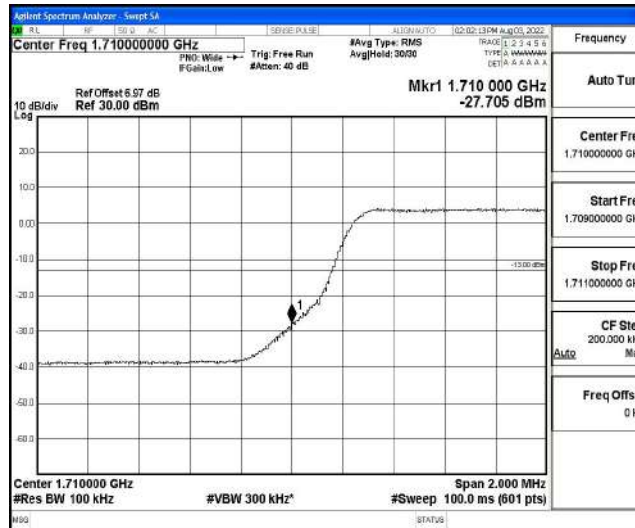


Band4-5MHz-QPSK-20375-25RB#0

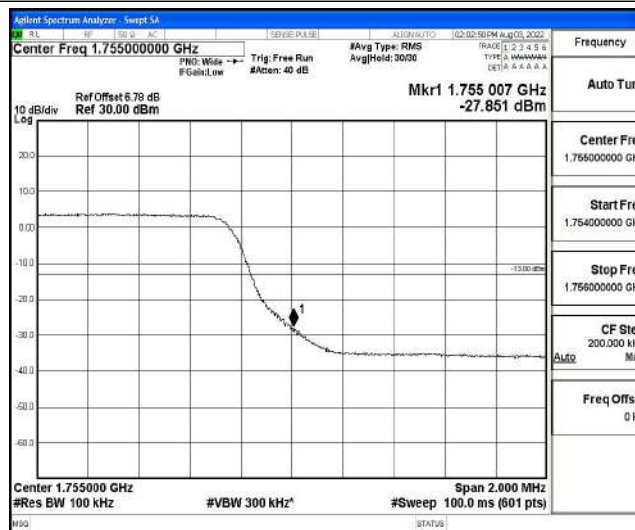




Band4-5MHz-16QAM-19975-25RB#0

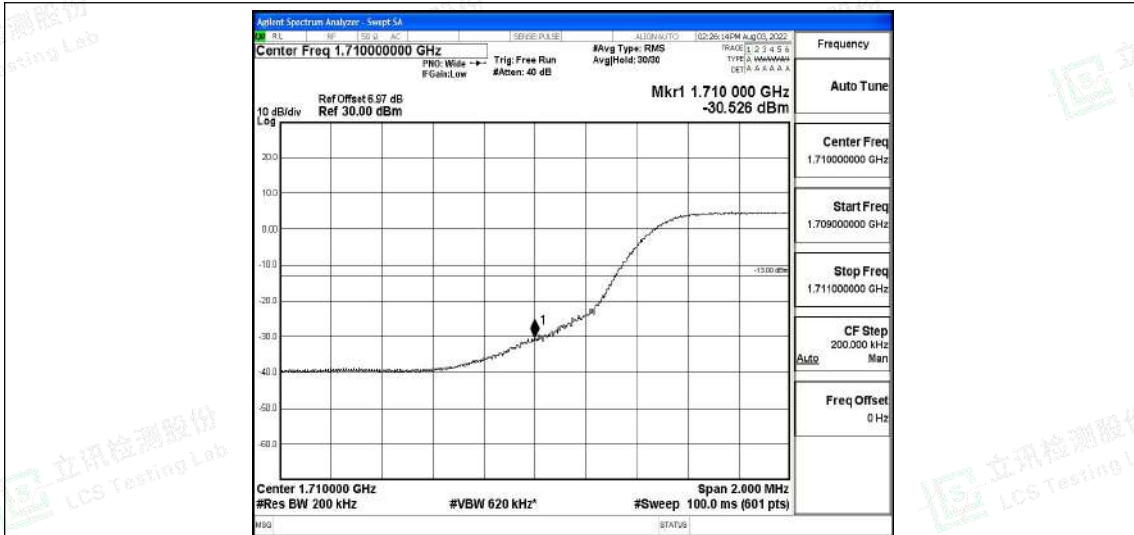


Band4-5MHz-16QAM-20375-25RB#0

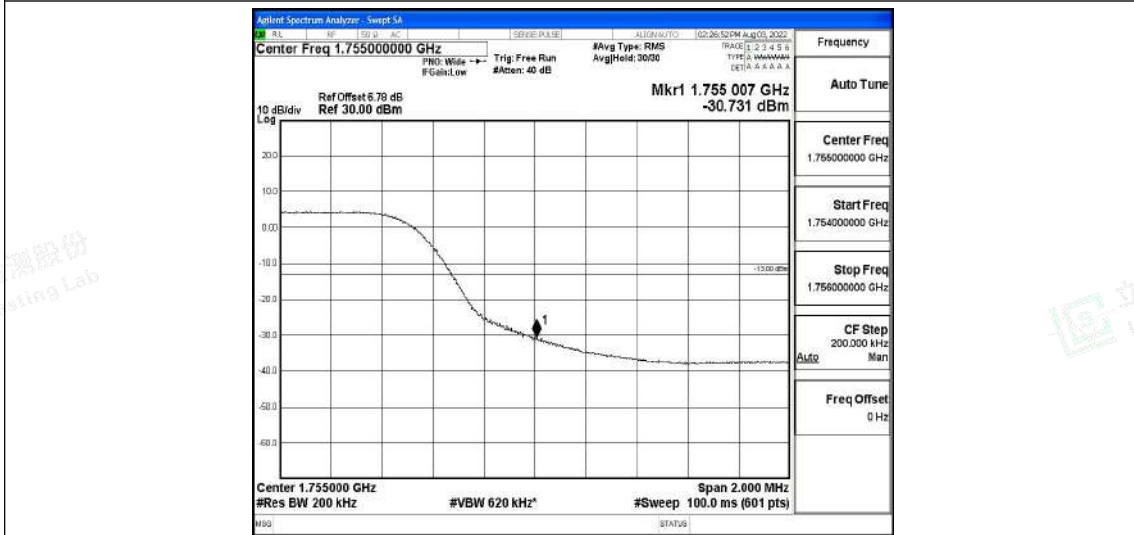


Band4-10MHz-QPSK-20000-50RB#0

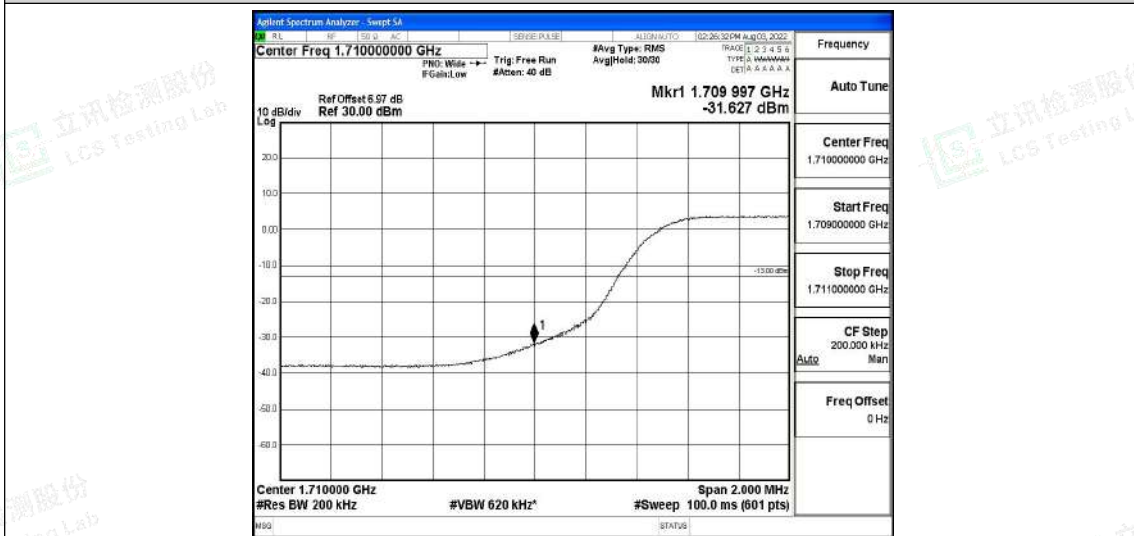




Band4-10MHz-QPSK-20350-50RB#0

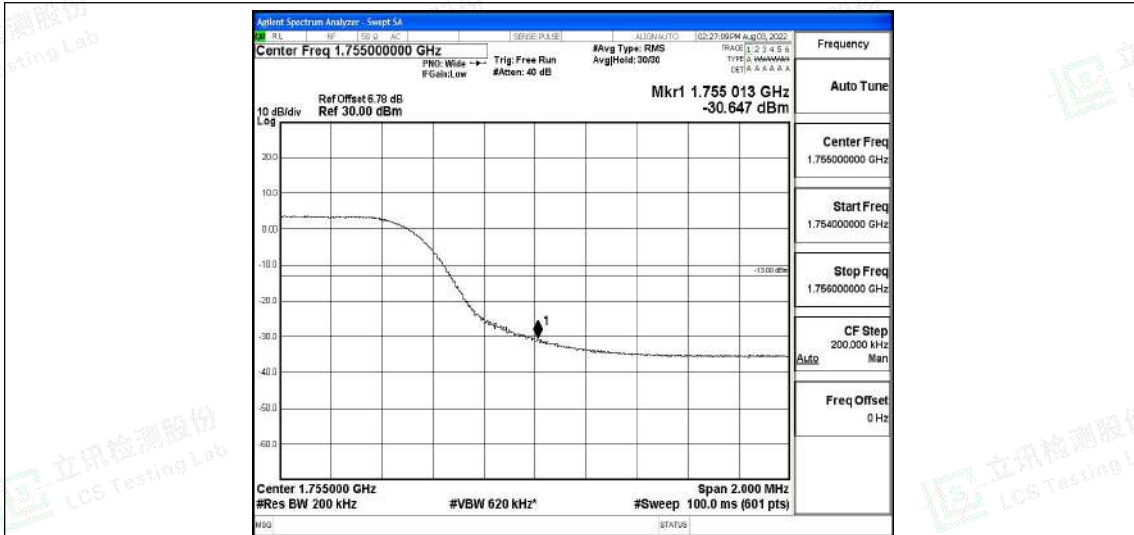


Band4-10MHz-16QAM-20000-50RB#0

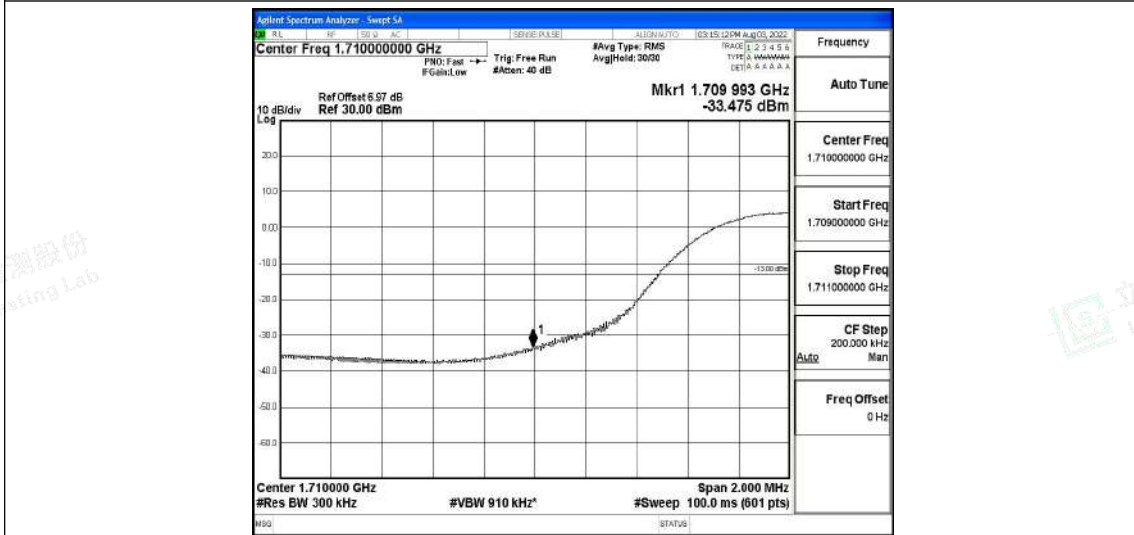


Band4-10MHz-16QAM-20350-50RB#0

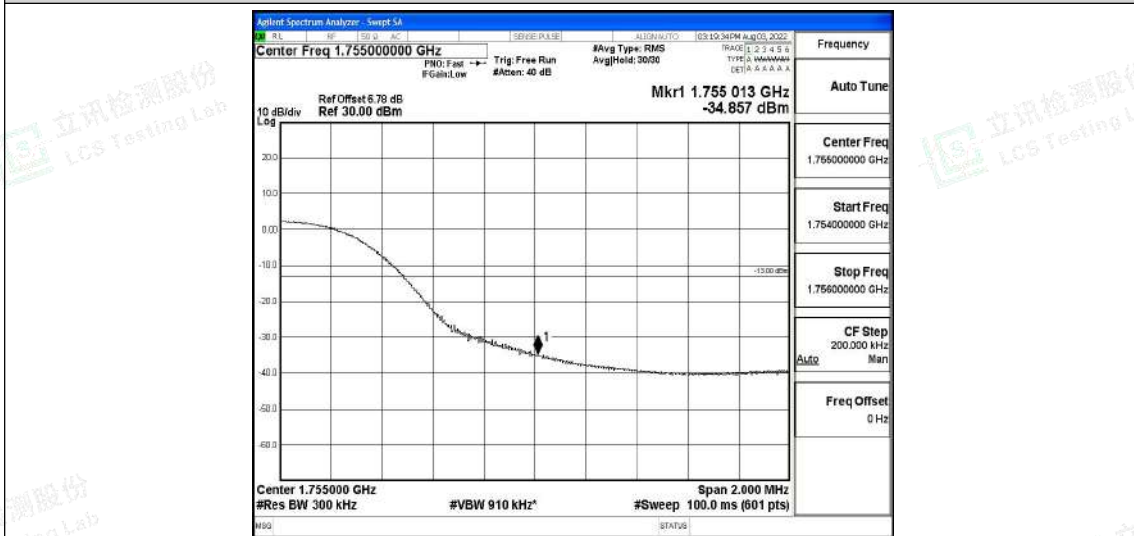




Band4-15MHz-QPSK-20025-75RB#0

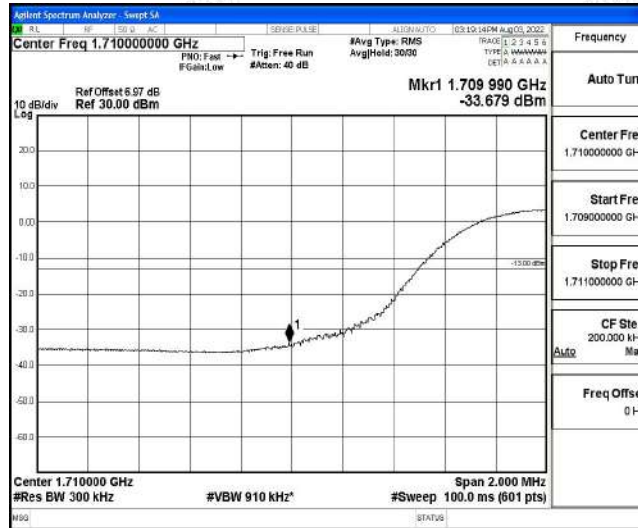


Band4-15MHz-QPSK-20325-75RB#0

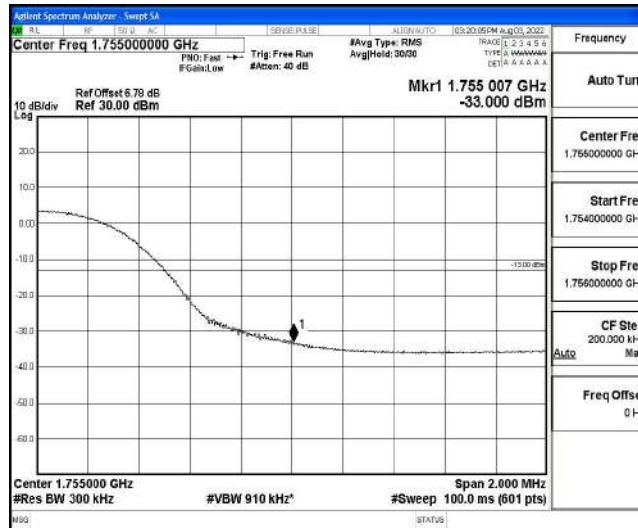


Band4-15MHz-16QAM-20025-75RB#0

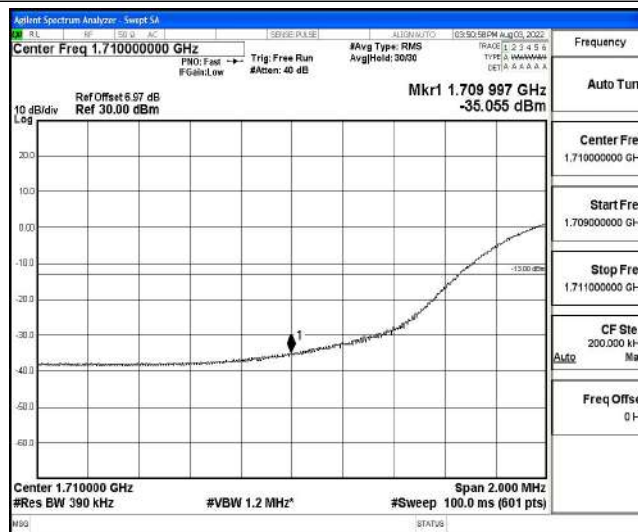




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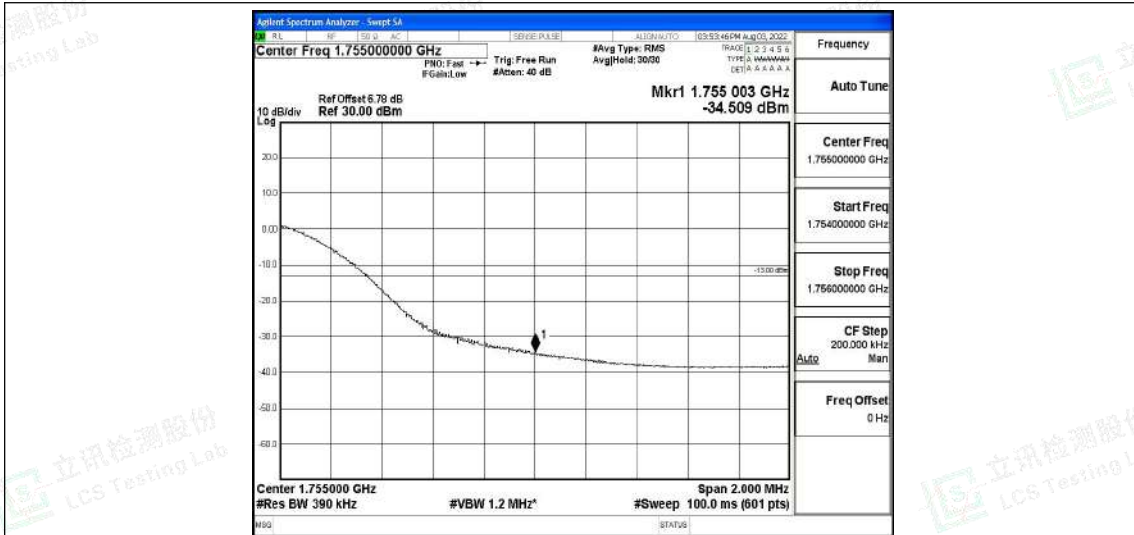


Band4-20MHz-QPSK-20050-100RB#0

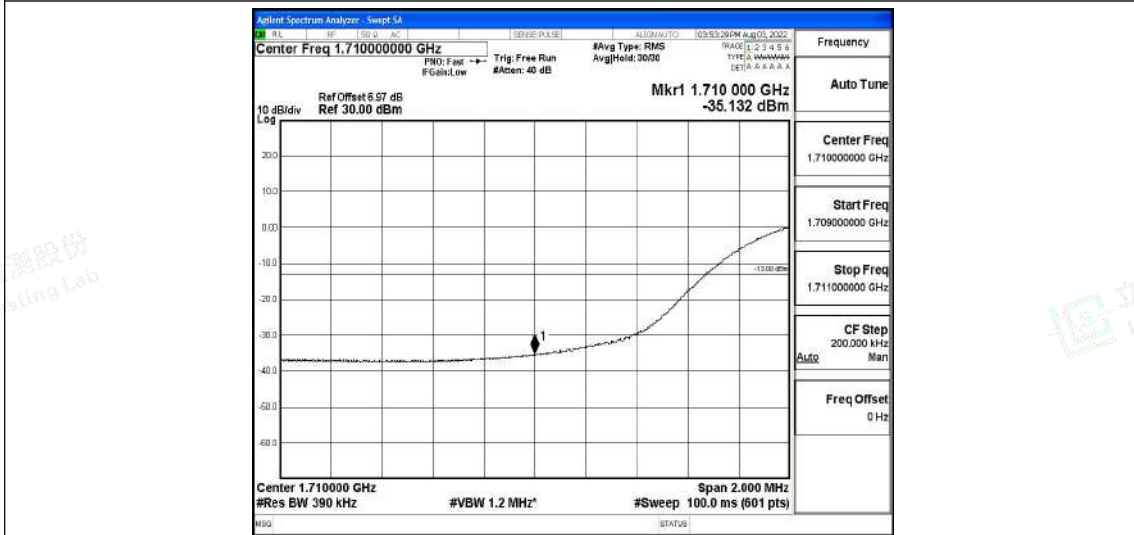


Band4-20MHz-QPSK-20300-100RB#0

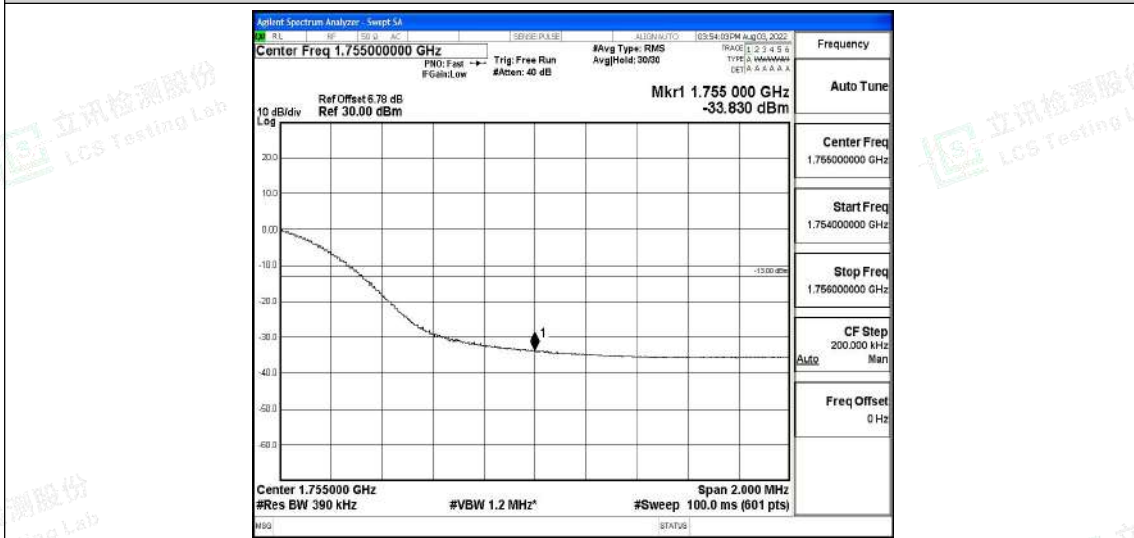




Band4-20MHz-16QAM-20050-100RB#0



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





E.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:0.009~0.15MHz	-55.22	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:0.15~30MHz	-52	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range3:30~1000MHz	-41.91	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range4:1000~10000MHz	-45.1	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range5:10000~20000MHz	-33.18	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-55.15	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-50.44	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-40.94	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-45.05	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.38	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:0.009~0.15MHz	-55.16	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:0.15~30MHz	-51.08	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range3:30~1000MHz	-41.61	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range4:1000~10000MHz	-45.07	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range5:10000~20000MHz	-33.32	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:0.009~0.15MHz	-56.63	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:0.15~30MHz	-50.86	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range3:30~1000MHz	-42.92	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range4:1000~10000MHz	-45.08	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range5:10000~20000MHz	-33.18	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-56.01	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-51.49	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-41.88	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-45.11	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.17	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:0.009~0.15MHz	-55.42	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:0.15~30MHz	-50.93	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range3:30~1000MHz	-42.08	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range4:1000~10000MHz	-45.21	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range5:10000~20000MHz	-33.3	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:0.009~0.15MHz	-56.22	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:0.15~30MHz	-51.24	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range3:30~1000MHz	-42.38	PASS





Band4	3MHz	QPSK	19965	1RB#0	Range4:1000~10000MHz	-45.07	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range5:10000~20000MHz	-33.39	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-53.93	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-49.05	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-42.76	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-45.14	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.29	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:0.009~0.15MHz	-54.17	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:0.15~30MHz	-51.82	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range3:30~1000MHz	-42.22	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range5:10000~20000MHz	-33.33	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range1:0.009~0.15MHz	-54.59	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:0.15~30MHz	-51.53	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range3:30~1000MHz	-41.64	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range4:1000~10000MHz	-45.11	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range5:10000~20000MHz	-33.29	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-56.04	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-50.77	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-42.03	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.25	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range1:0.009~0.15MHz	-54.46	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:0.15~30MHz	-51.84	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range3:30~1000MHz	-40.5	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range4:1000~10000MHz	-44.97	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range5:10000~20000MHz	-33.15	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:0.009~0.15MHz	-56.12	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range2:0.15~30MHz	-51.83	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range3:30~1000MHz	-42.54	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range4:1000~10000MHz	-45.04	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range5:10000~20000MHz	-33.28	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-53.58	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-51.03	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-42.07	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-45.06	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.21	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:0.009~0.15MHz	-54.06	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:0.15~30MHz	-50.59	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range3:30~1000MHz	-42.2	PASS





Band4	5MHz	QPSK	20375	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range5:10000~20000MHz	-33.26	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range1:0.009~0.15MHz	-54.55	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:0.15~30MHz	-51.27	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range3:30~1000MHz	-41.97	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range4:1000~10000MHz	-45.08	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range5:10000~20000MHz	-33.26	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-53.8	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-50.75	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-41.84	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-45.04	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.26	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range1:0.009~0.15MHz	-55.55	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range2:0.15~30MHz	-51.24	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range3:30~1000MHz	-41.3	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range4:1000~10000MHz	-45.2	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range5:10000~20000MHz	-33.36	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range1:0.009~0.15MHz	-56.28	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range2:0.15~30MHz	-51.47	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range3:30~1000MHz	-41.83	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range4:1000~10000MHz	-45.02	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range5:10000~20000MHz	-33.31	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-56.21	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-51.89	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-42.52	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-44.99	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.23	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range1:0.009~0.15MHz	-56.77	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range2:0.15~30MHz	-50.54	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range3:30~1000MHz	-41.85	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range4:1000~10000MHz	-45.04	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range5:10000~20000MHz	-33.24	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range1:0.009~0.15MHz	-56.06	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range2:0.15~30MHz	-51.12	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range3:30~1000MHz	-40.67	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range4:1000~10000MHz	-45.04	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range5:10000~20000MHz	-33.13	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-56.63	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-51.61	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-41.3	PASS





Band4	10MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-45.1	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.1	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range1:0.009~0.15MHz	-55.92	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range2:0.15~30MHz	-51.34	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range3:30~1000MHz	-42.22	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range4:1000~10000MHz	-44.98	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range5:10000~20000MHz	-33.17	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range1:0.009~0.15MHz	-56.38	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range2:0.15~30MHz	-49.15	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range3:30~1000MHz	-42.67	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range4:1000~10000MHz	-44.84	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range5:10000~20000MHz	-33.19	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-54.94	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-51.71	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-41.14	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-45	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.43	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range1:0.009~0.15MHz	-55.71	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range2:0.15~30MHz	-52.45	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range3:30~1000MHz	-41.52	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range4:1000~10000MHz	-45	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range5:10000~20000MHz	-33.19	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range1:0.009~0.15MHz	-55.04	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range2:0.15~30MHz	-50.49	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range3:30~1000MHz	-42.52	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range5:10000~20000MHz	-33.33	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-55.44	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-50.68	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-41.11	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-44.85	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.14	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range1:0.009~0.15MHz	-56.46	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range2:0.15~30MHz	-52.44	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range3:30~1000MHz	-41.81	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range4:1000~10000MHz	-45.16	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range5:10000~20000MHz	-33.18	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:0.009~0.15MHz	-55.59	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:0.15~30MHz	-50.03	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range3:30~1000MHz	-42.15	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



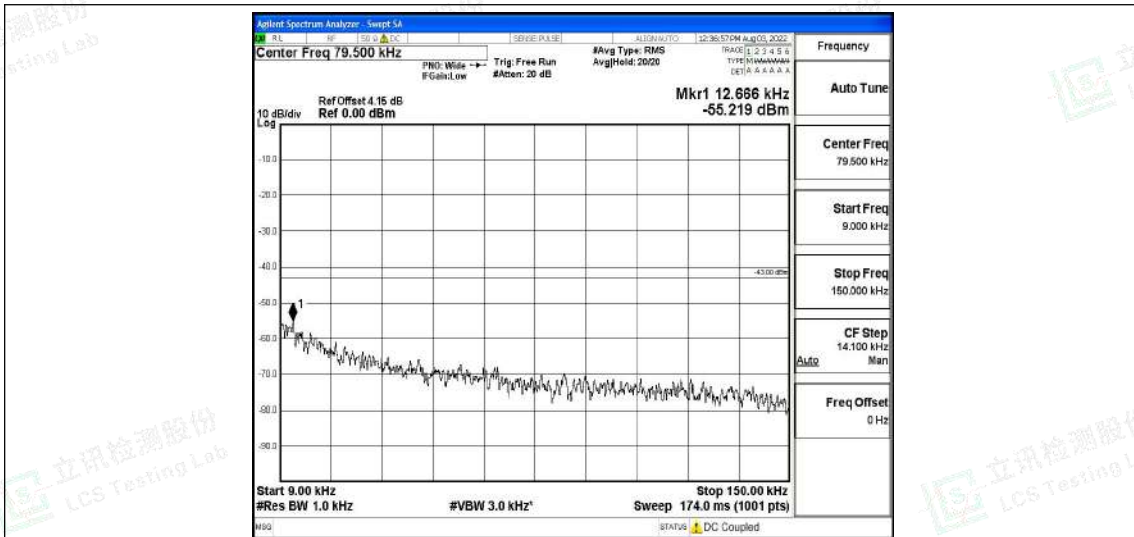
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Band4	20MHz	QPSK	20050	1RB#0	Range5:10000~20000MHz	-33.22	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-57.04	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-52.58	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-41.89	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-45.09	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.26	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:0.009~0.15MHz	-55.3	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:0.15~30MHz	-50.71	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range3:30~1000MHz	-40.53	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range4:1000~10000MHz	-45	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range5:10000~20000MHz	-33.32	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:0.009~0.15MHz	-54.47	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:0.15~30MHz	-51.06	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range3:30~1000MHz	-42.8	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range4:1000~10000MHz	-45.1	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range5:10000~20000MHz	-33.38	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-55.71	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-52.29	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-42.66	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.28	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:0.009~0.15MHz	-54.19	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:0.15~30MHz	-50.65	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range3:30~1000MHz	-43.18	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range4:1000~10000MHz	-45.03	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range5:10000~20000MHz	-33.19	PASS

Test Graphs

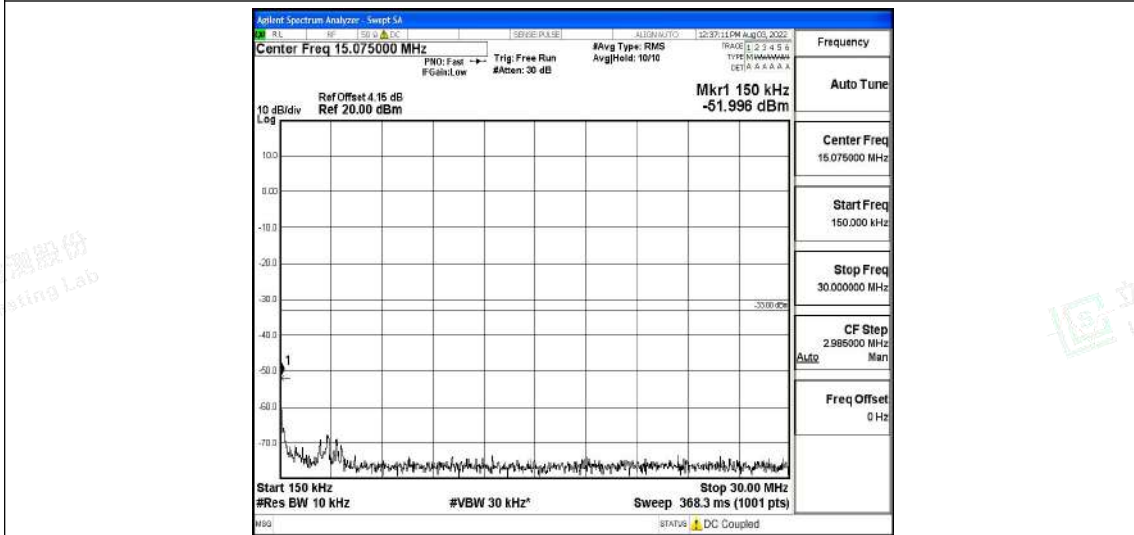
Band4-1.4MHz-QPSK-19957-1RB#0-Range1:0.009~0.15MHz



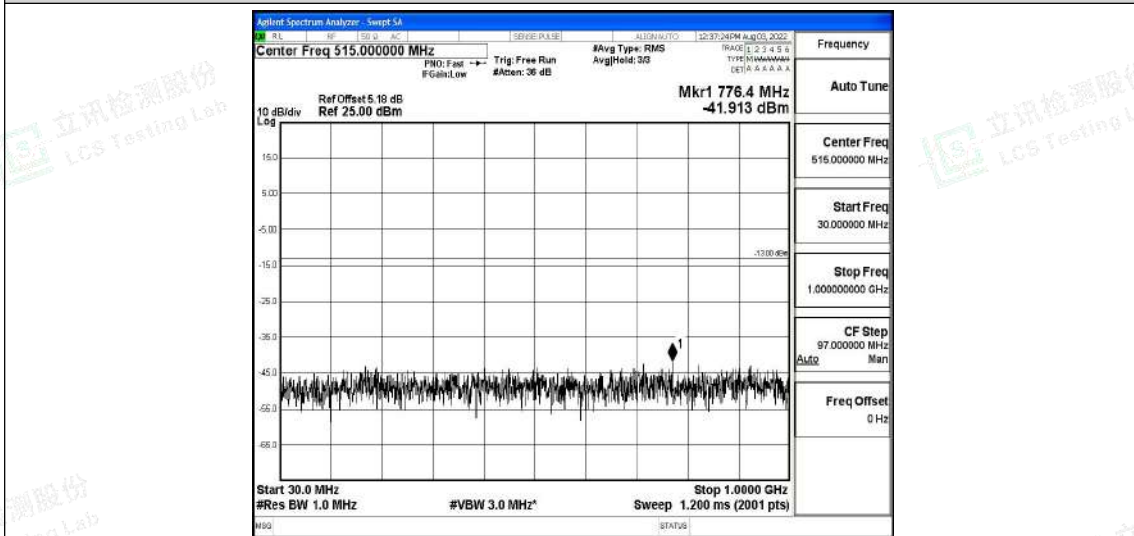
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



Band4-1.4MHz-QPSK-19957-1RB#0-Range2:0.15~30MHz

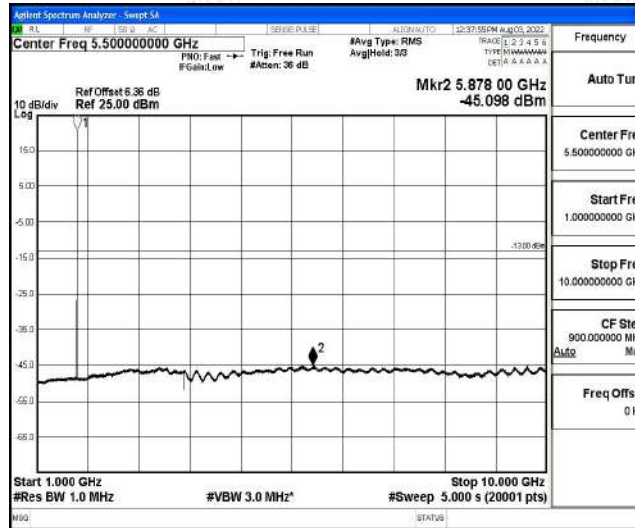


Band4-1.4MHz-QPSK-19957-1RB#0-Range3:30~1000MHz

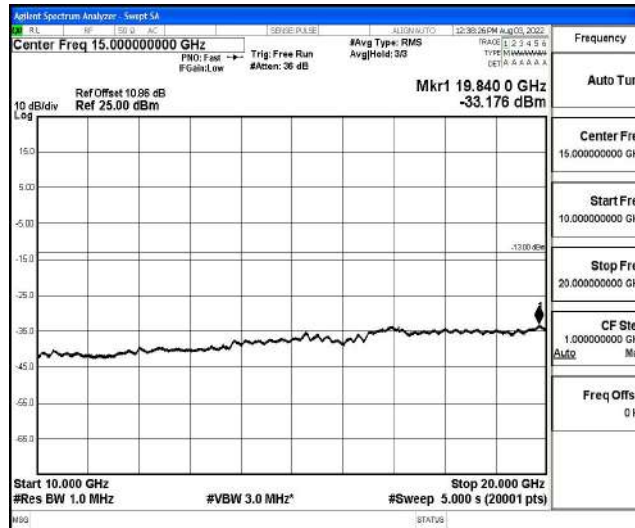


Band4-1.4MHz-QPSK-19957-1RB#0-Range4:1000~10000MHz

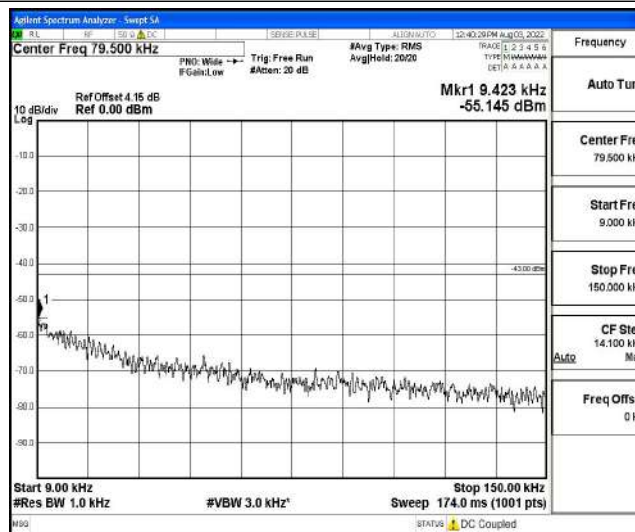




Band4-1.4MHz-QPSK-19957-1RB#0-Range5:10000~20000MHz

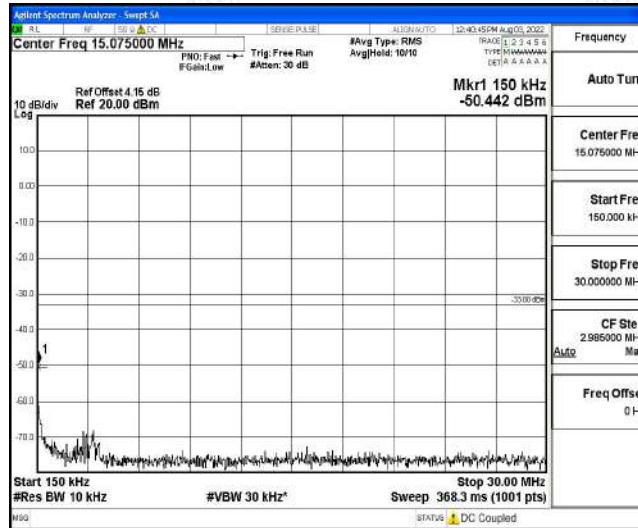


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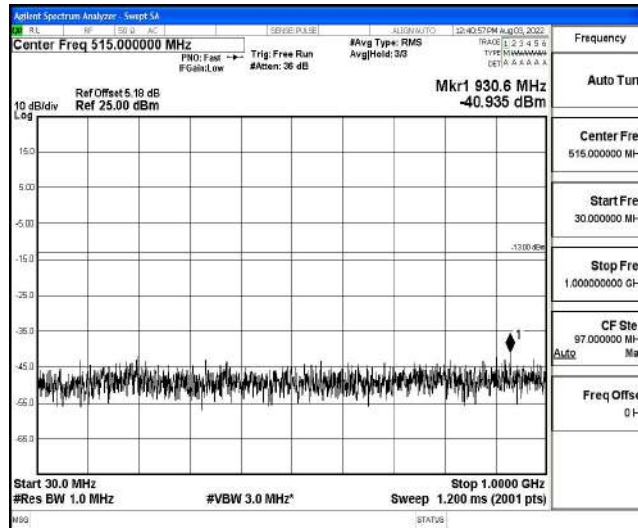


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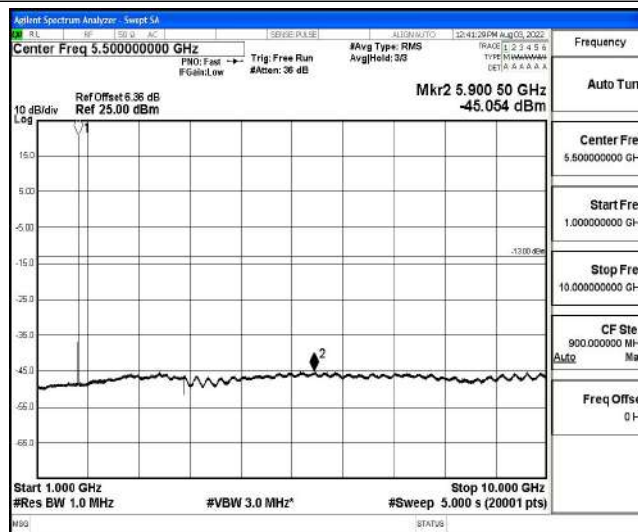




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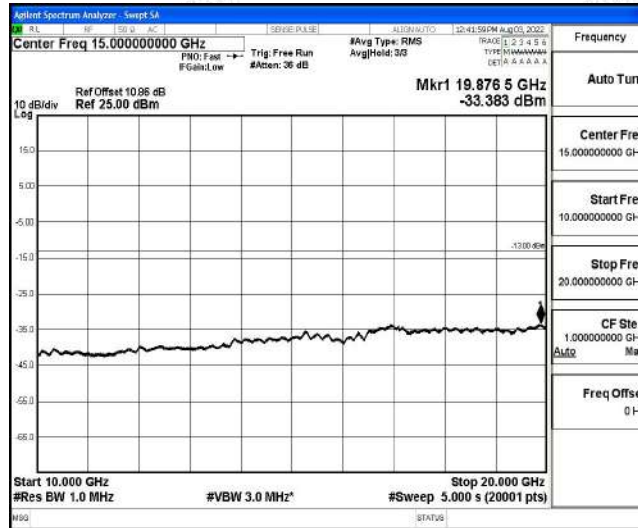


Band4-1.4MHz-QPSK-20175-1RB#0-Range4:1000~10000MHz

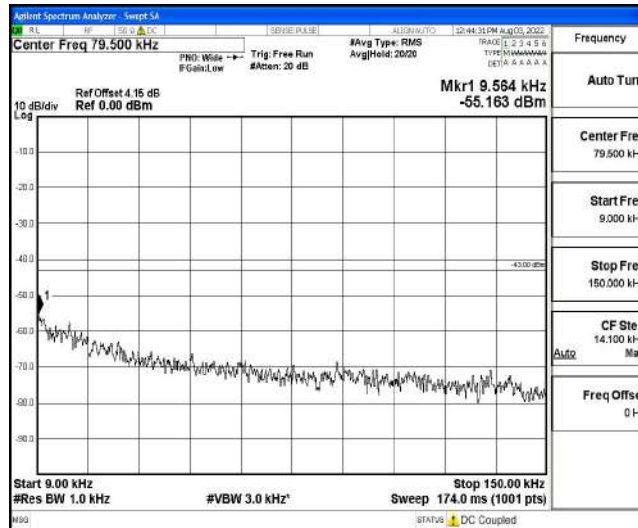


Band4-1.4MHz-QPSK-20175-1RB#0-Range5:10000~20000MHz

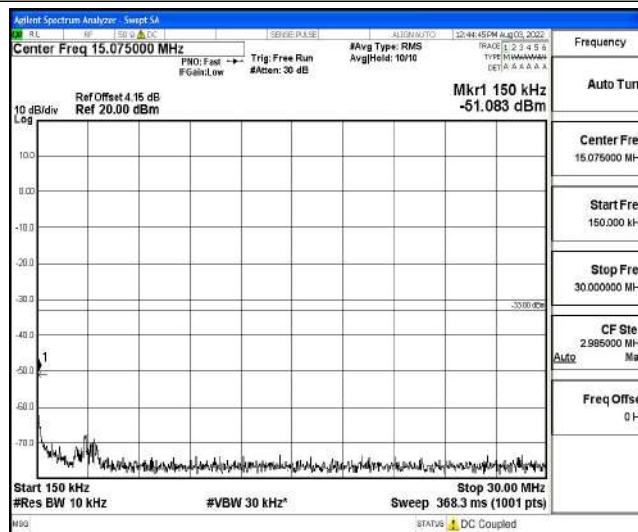




Band4-1.4MHz-QPSK-20393-1RB#0-Range1:0.009~0.15MHz

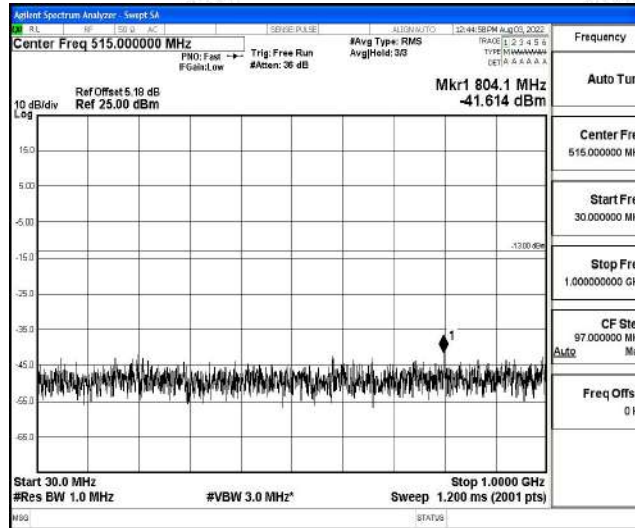


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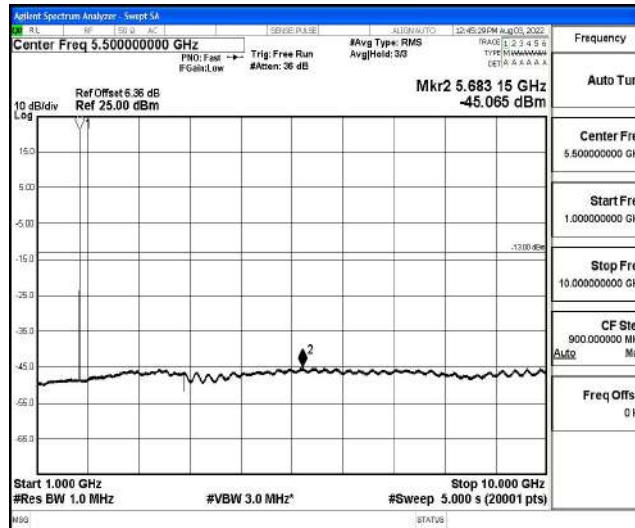


Band4-1.4MHz-QPSK-20393-1RB#0-Range3:30~1000MHz

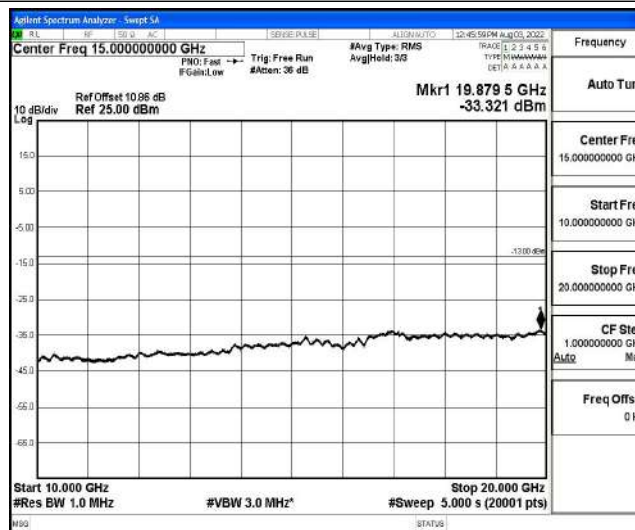




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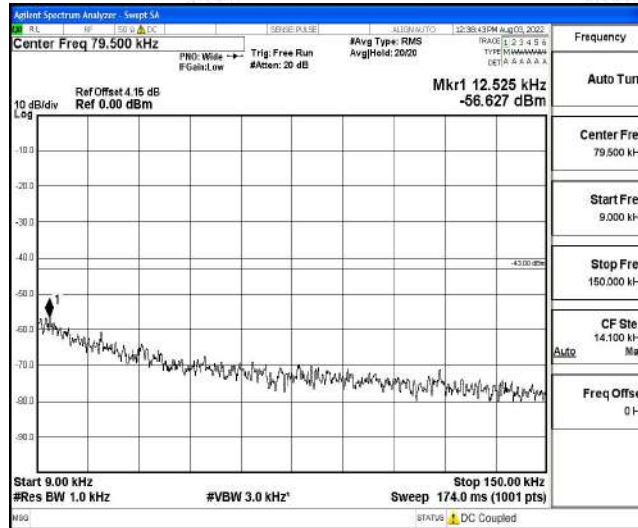


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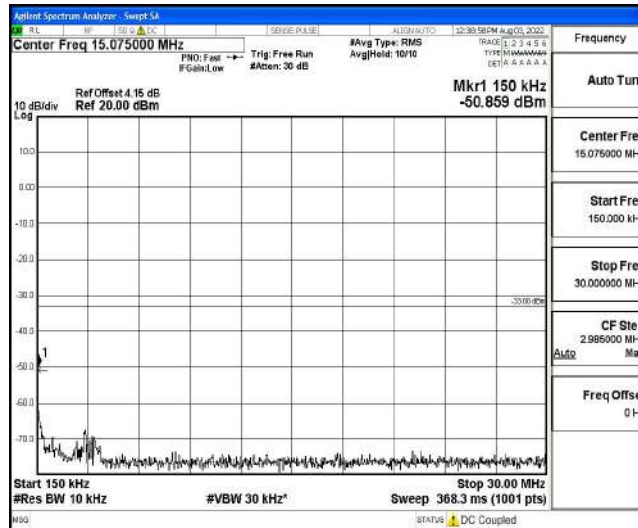


Band4-1.4MHz-16QAM-19957-1RB#0-Range1:0.009~0.15MHz

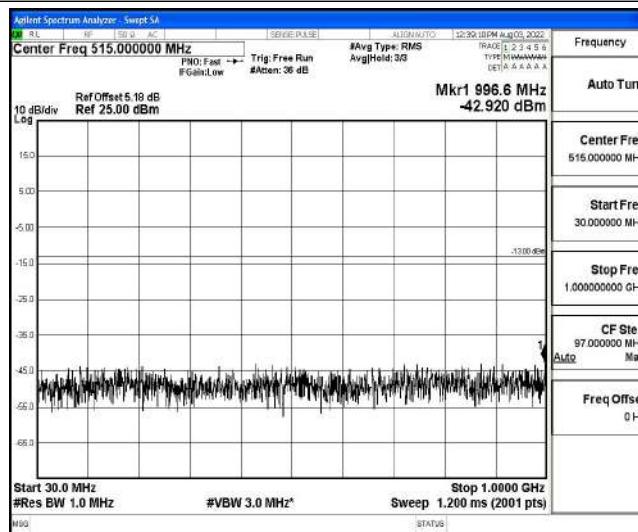




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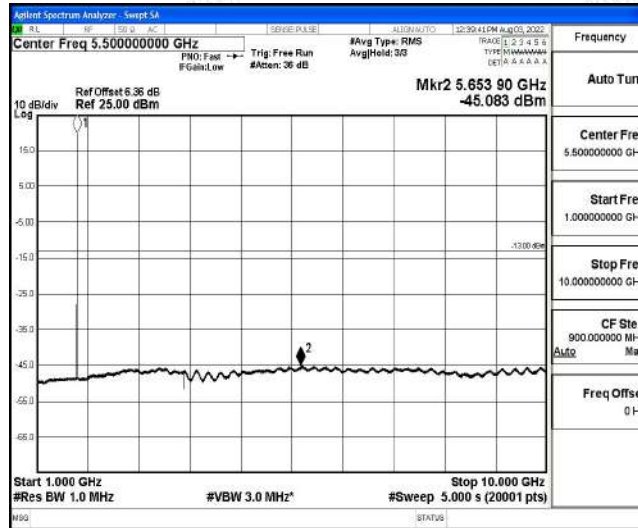


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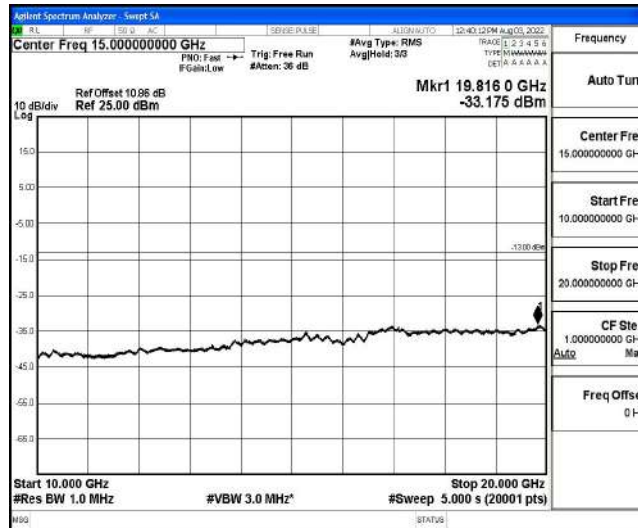


Band4-1.4MHz-16QAM-19957-1RB#0-Range4:1000~10000MHz

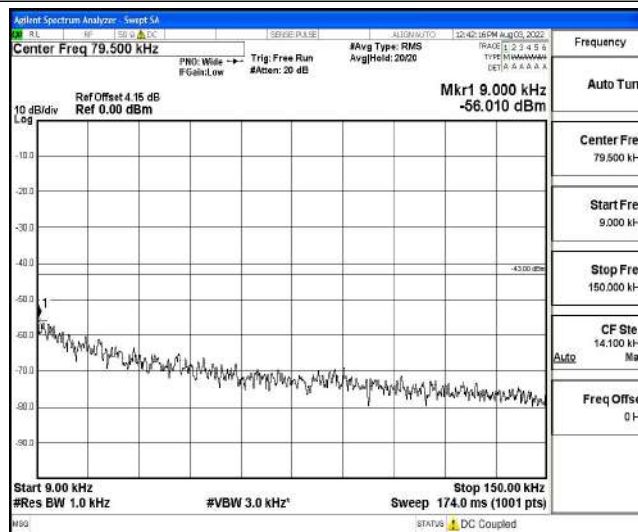




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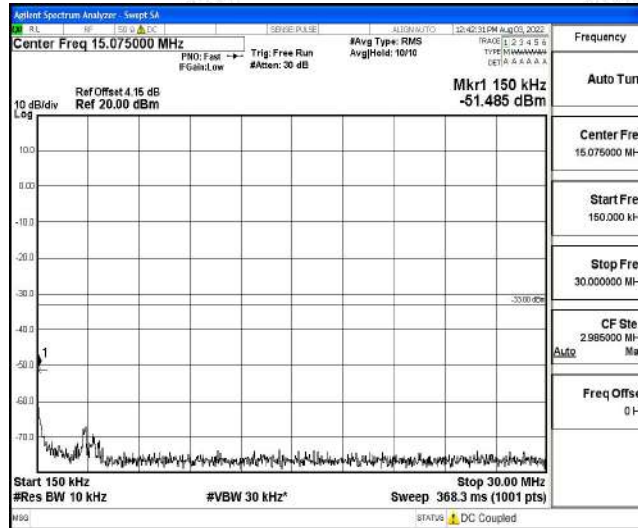


Band4-1.4MHz-16QAM-20175-1RB#0-Range1:0.009~0.15MHz

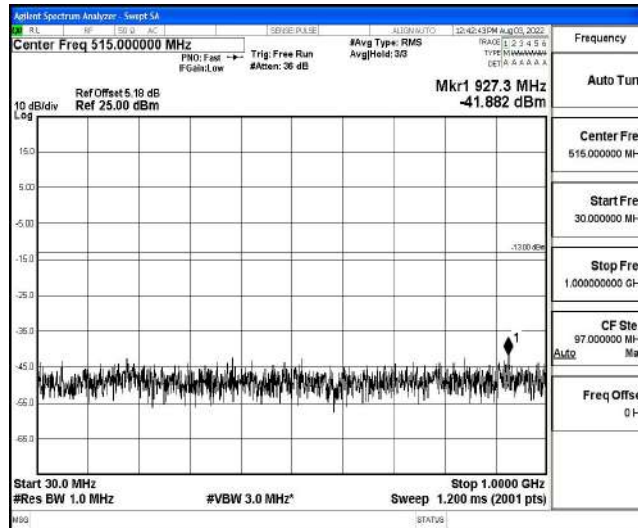


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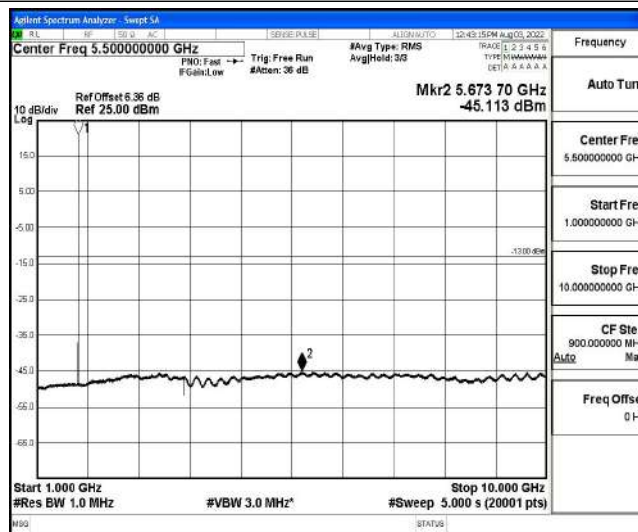




Band4-1.4MHz-16QAM-20175-1RB#0-Range3:30~1000MHz

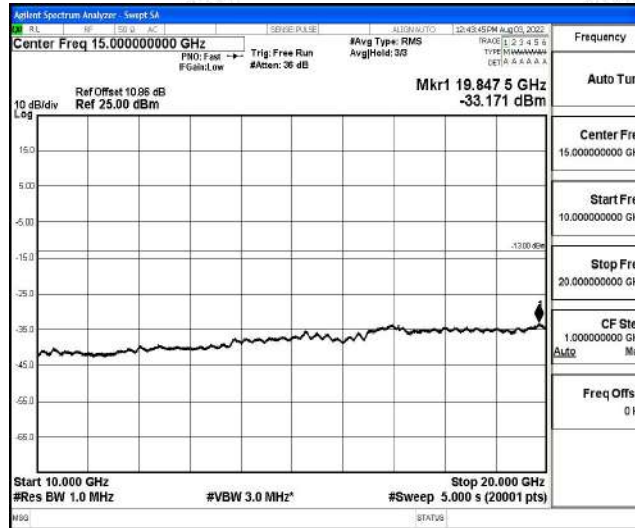


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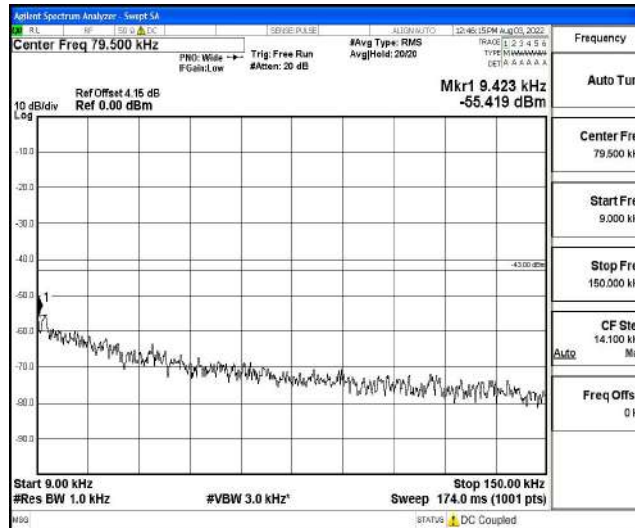


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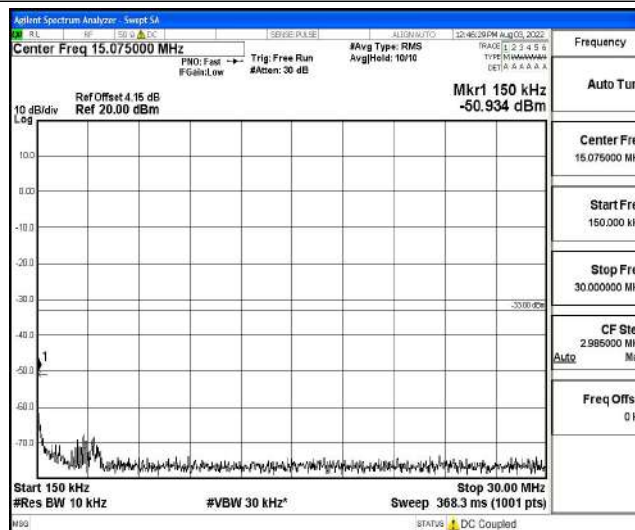




Band4-1.4MHz-16QAM-20393-1RB#0-Range1:0.009~0.15MHz

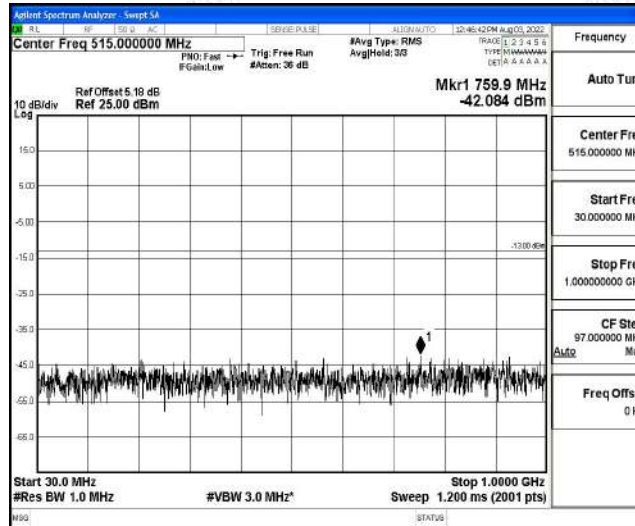


Band4-1.4MHz-16QAM-20393-1RB#0-Range2:0.15~30MHz

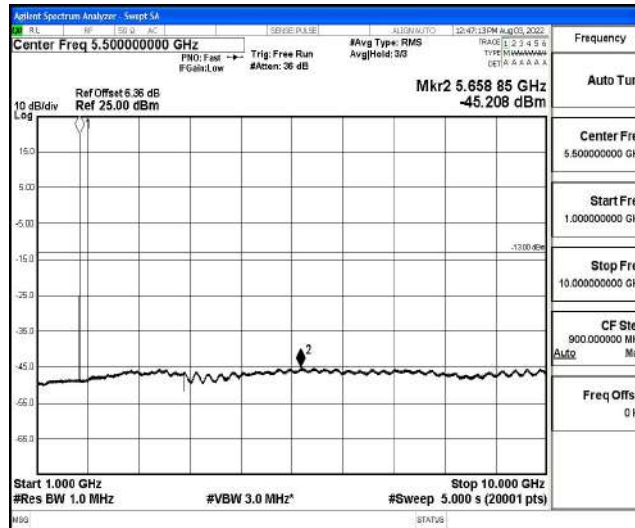


Band4-1.4MHz-16QAM-20393-1RB#0-Range3:30~1000MHz

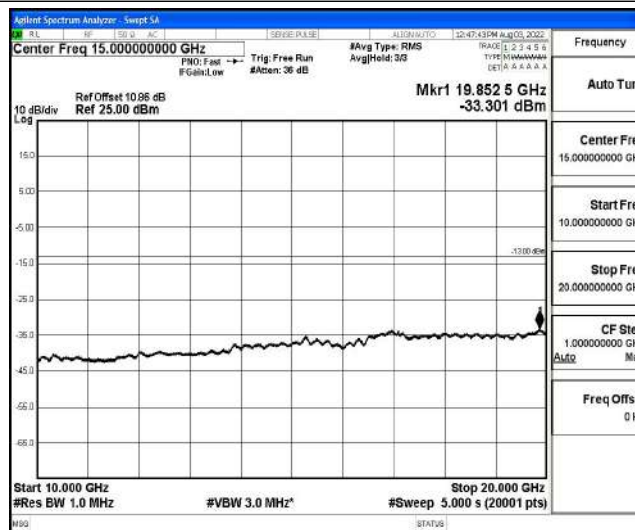




Band4-1.4MHz-16QAM-20393-1RB#0-Range4:1000~10000MHz

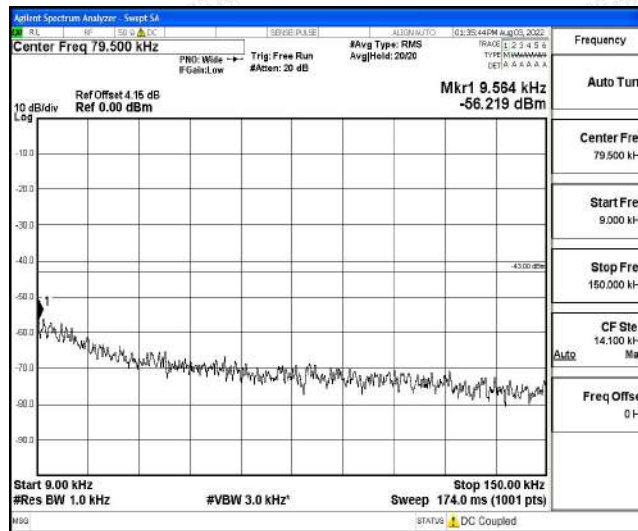


Band4-1.4MHz-16QAM-20393-1RB#0-Range5:10000~20000MHz

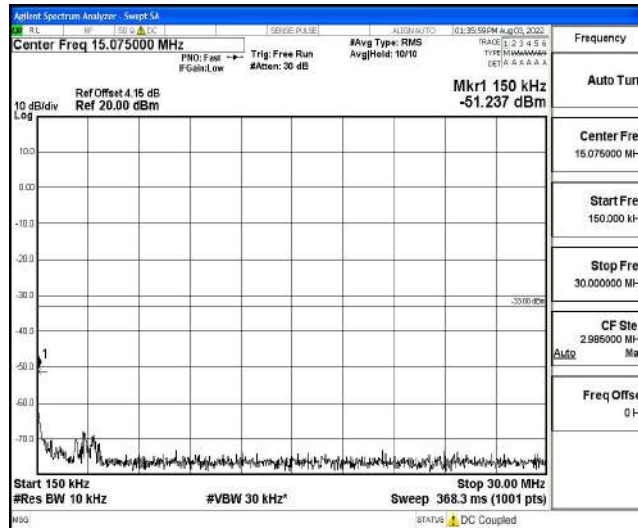


Band4-3MHz-QPSK-19965-1RB#0-Range1:0.009~0.15MHz

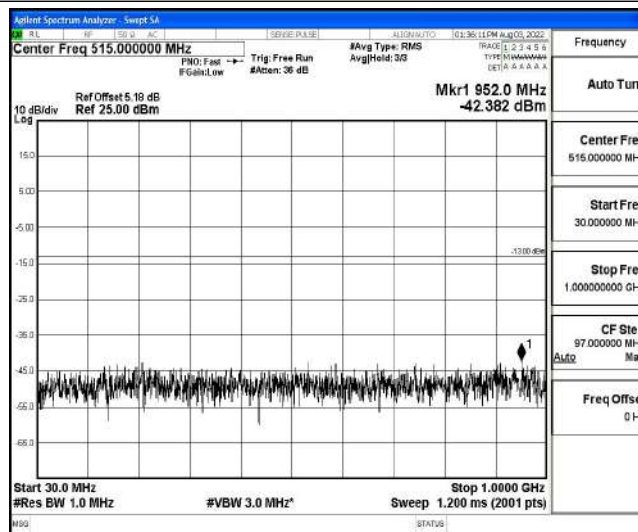




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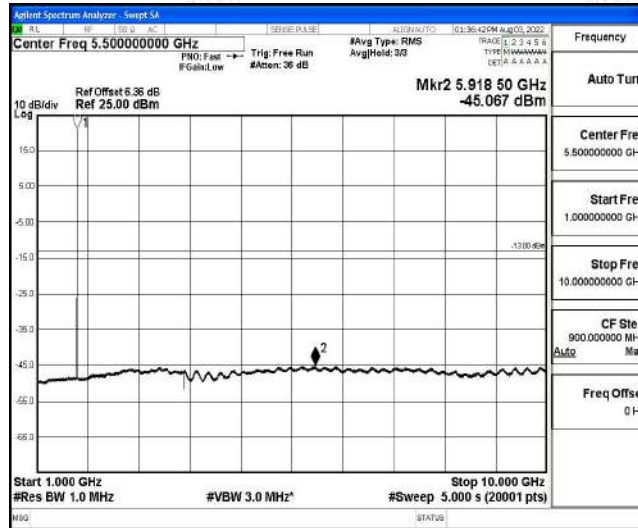


Band4-3MHz-QPSK-19965-1RB#0-Range3:30~1000MHz

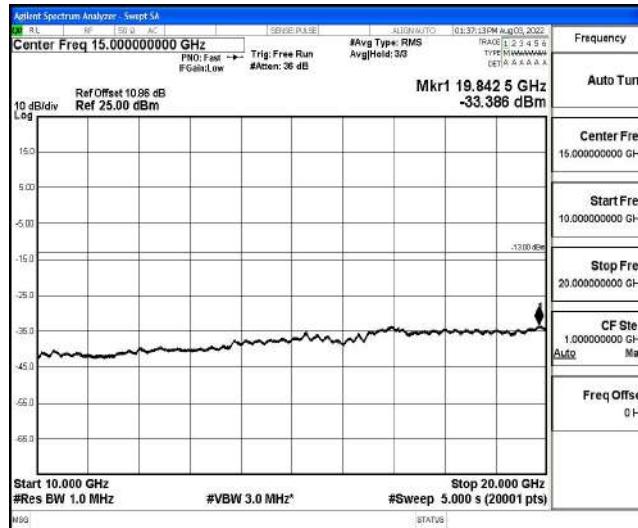


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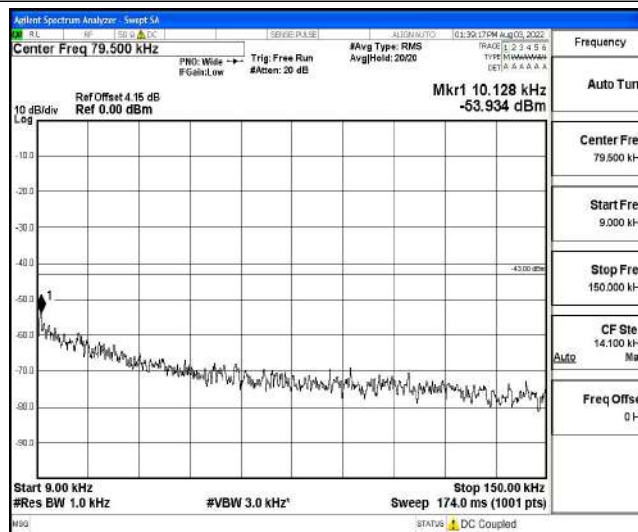




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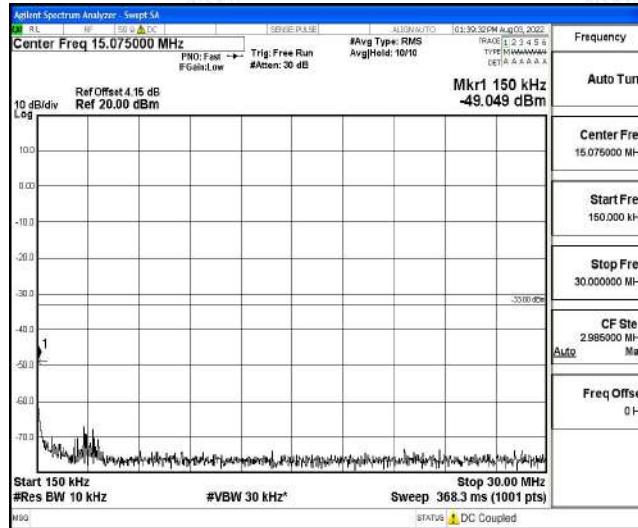


Band4-3MHz-QPSK-20175-1RB#0-Range1:0.009~0.15MHz

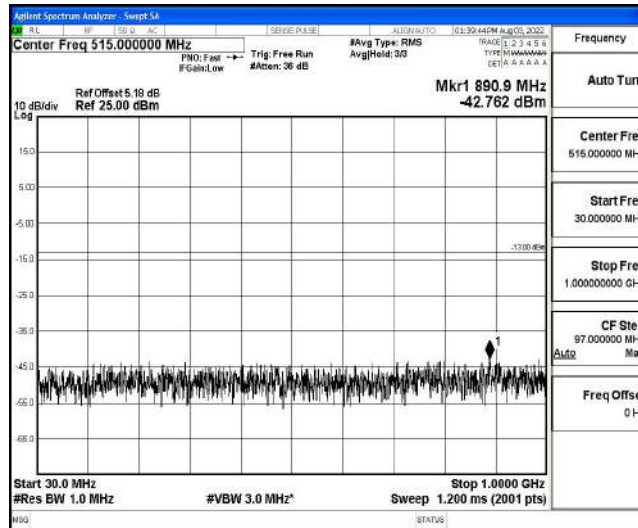


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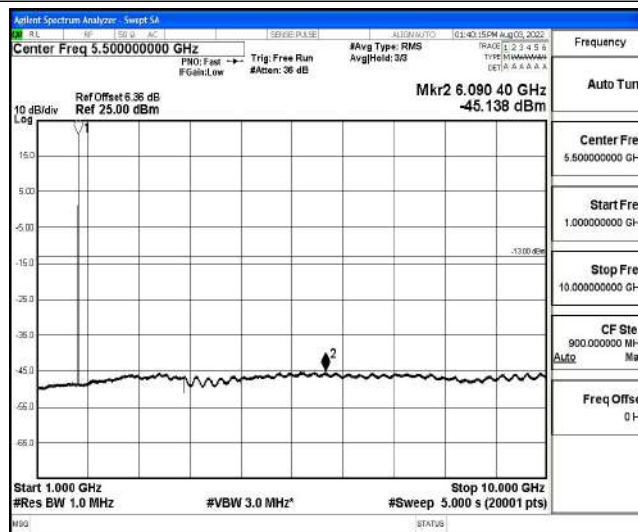




Band4-3MHz-QPSK-20175-1RB#0-Range3:30~1000MHz

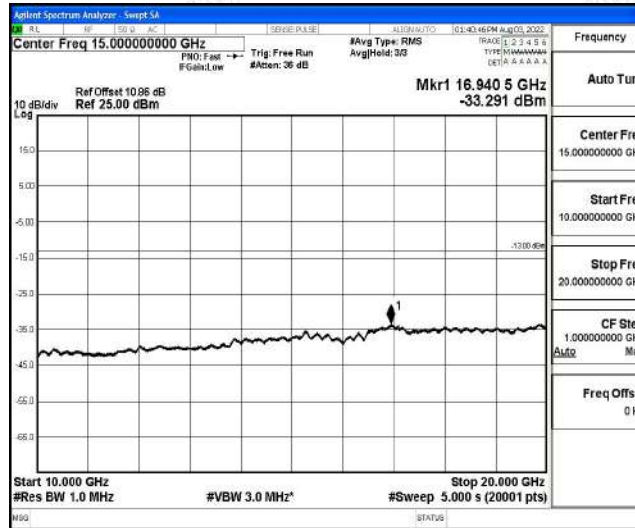


Band4-3MHz-QPSK-20175-1RB#0-Range4:1000~10000MHz

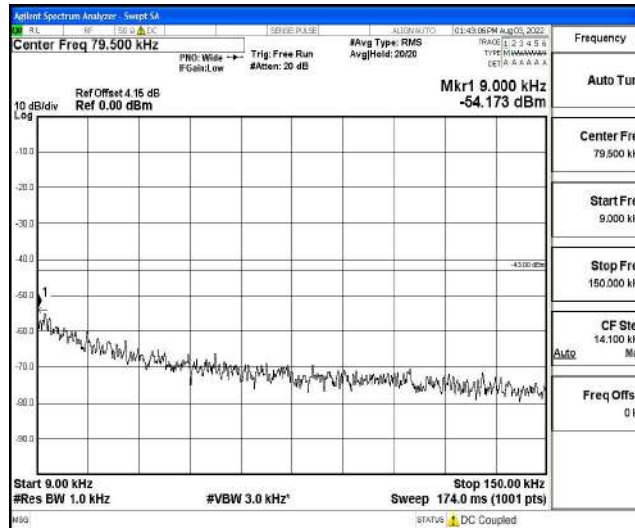


Band4-3MHz-QPSK-20175-1RB#0-Range5:10000~20000MHz

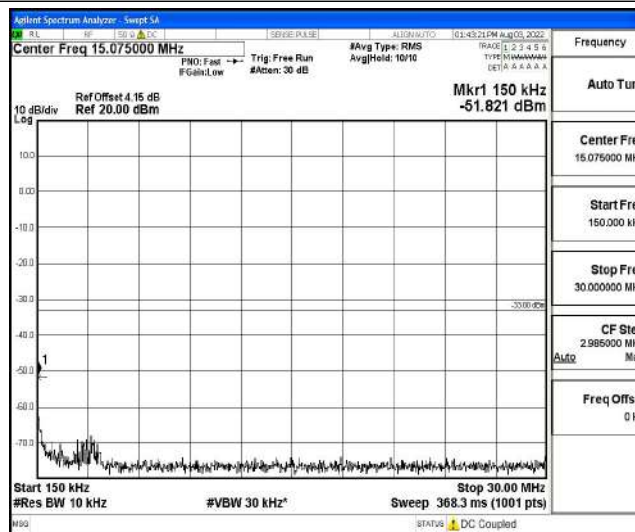




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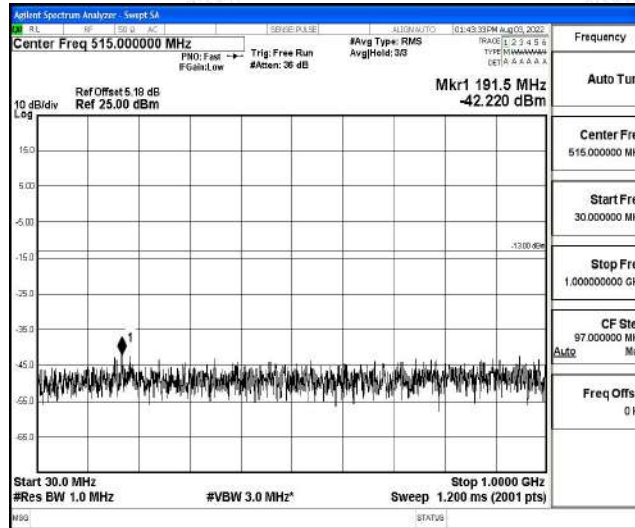


Band4-3MHz-QPSK-20385-1RB#0-Range2:0.15~30MHz

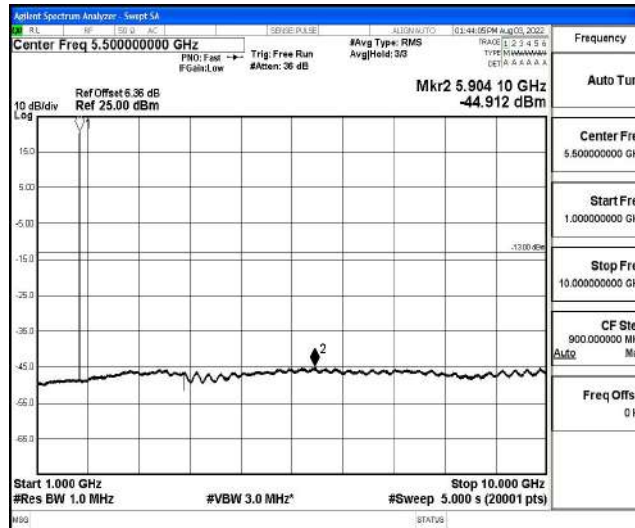


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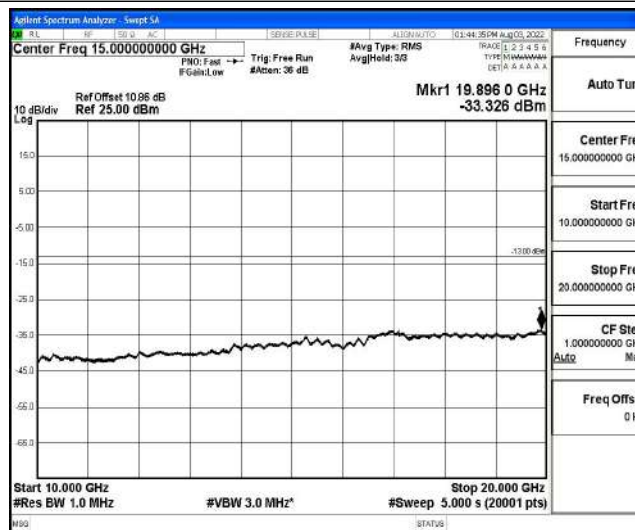




Band4-3MHz-QPSK-20385-1RB#0-Range4:1000~10000MHz

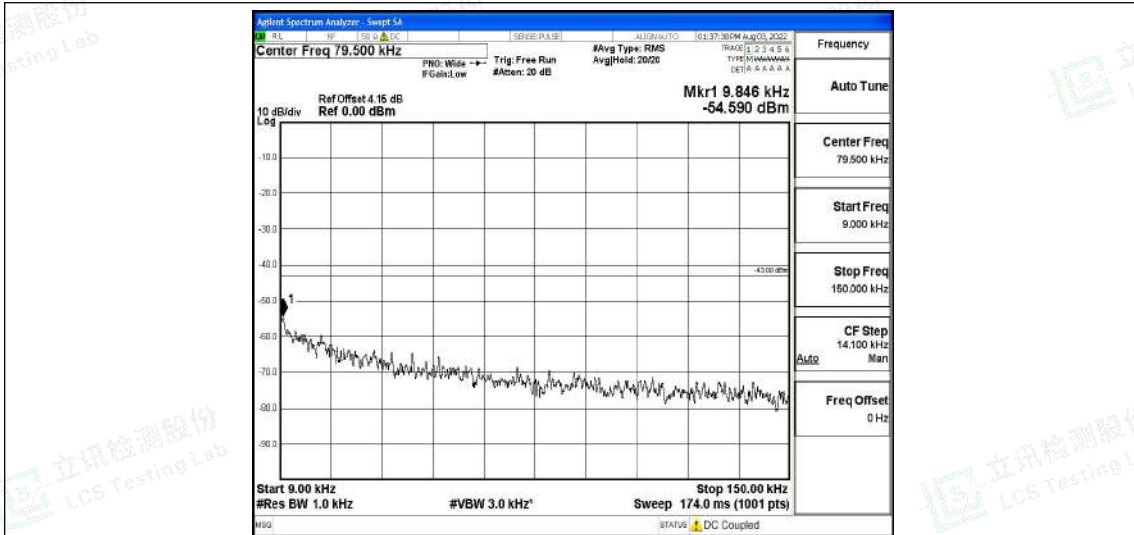


Band4-3MHz-QPSK-20385-1RB#0-Range5:10000~20000MHz

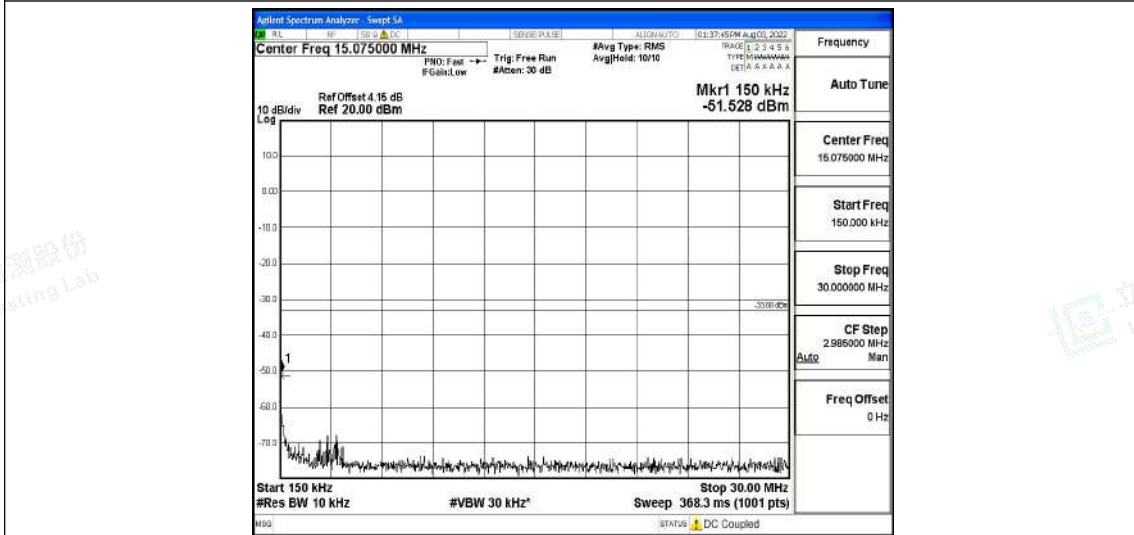


Band4-3MHz-16QAM-19965-1RB#0-Range1:0.009~0.15MHz

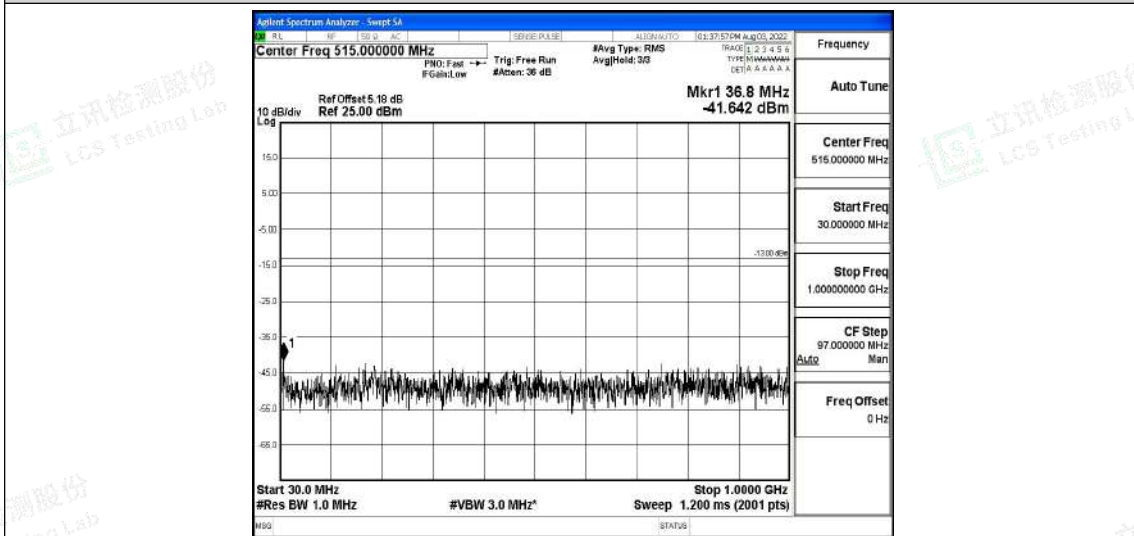




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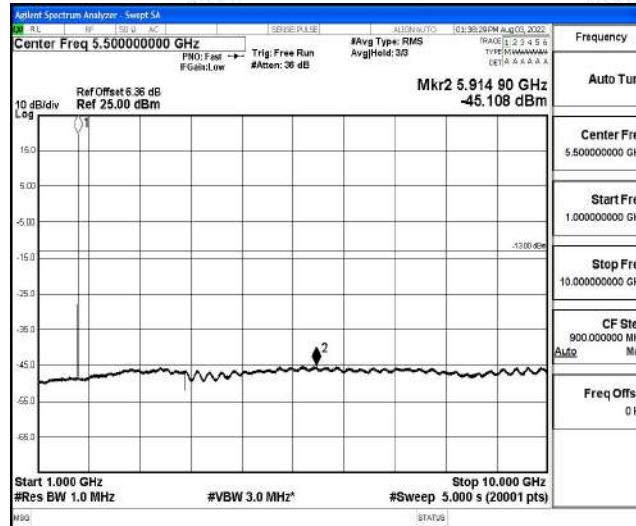


Band4-3MHz-16QAM-19965-1RB#0-Range3:30~1000MHz

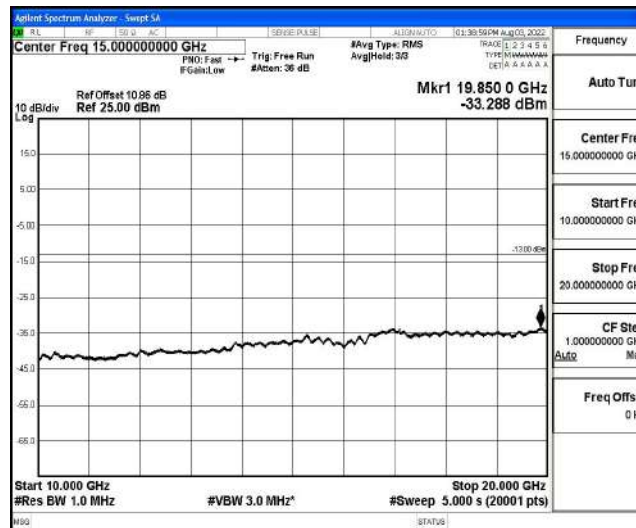


Band4-3MHz-16QAM-19965-1RB#0-Range4:1000~10000MHz

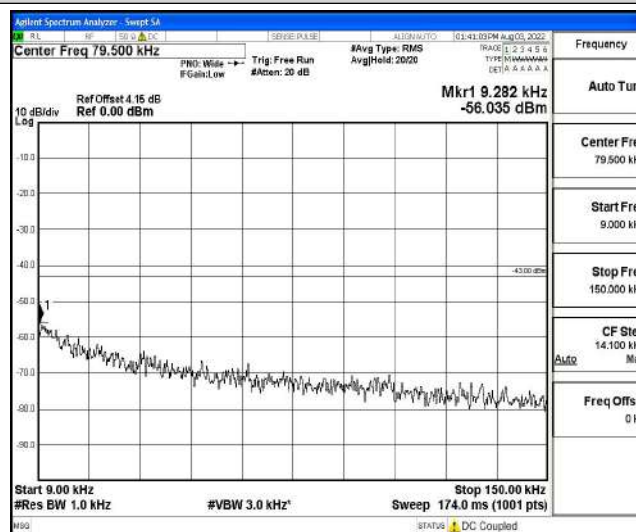




Band4-3MHz-16QAM-19965-1RB#0-Range5:10000~20000MHz

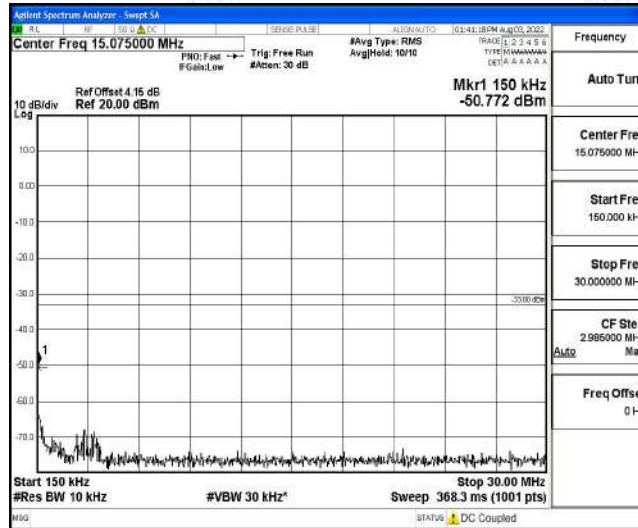


Band4-3MHz-16QAM-20175-1RB#0-Range1:0.009~0.15MHz

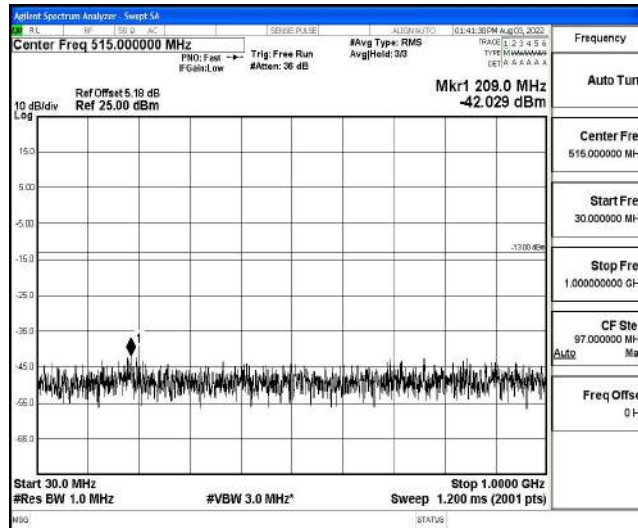


Band4-3MHz-16QAM-20175-1RB#0-Range2:0.15~30MHz

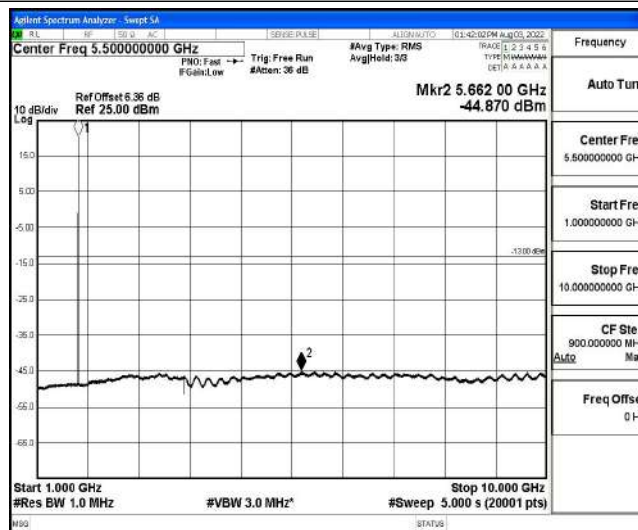




Band4-3MHz-16QAM-20175-1RB#0-Range3:30~1000MHz

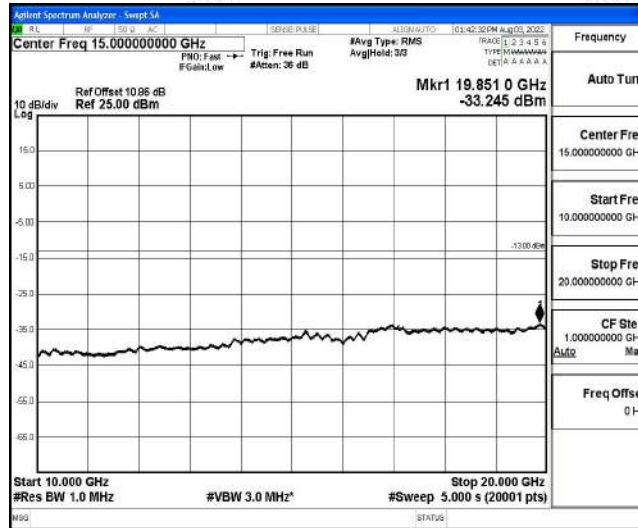


Band4-3MHz-16QAM-20175-1RB#0-Range4:1000~10000MHz

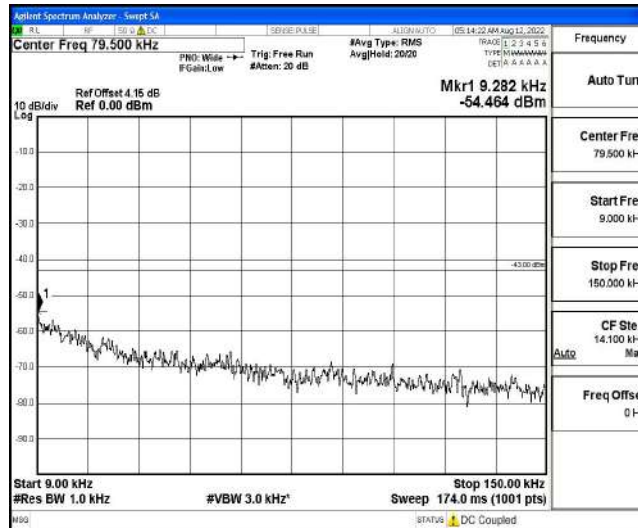


Band4-3MHz-16QAM-20175-1RB#0-Range5:10000~20000MHz

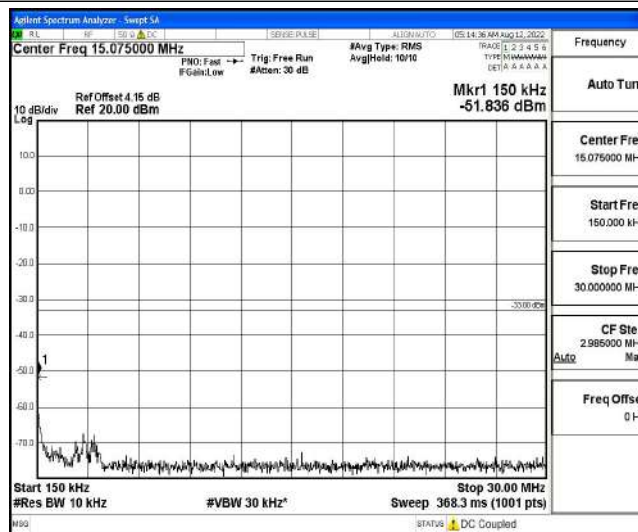




Band4-3MHz-16QAM-20385-1RB#0-Range1:0.009~0.15MHz

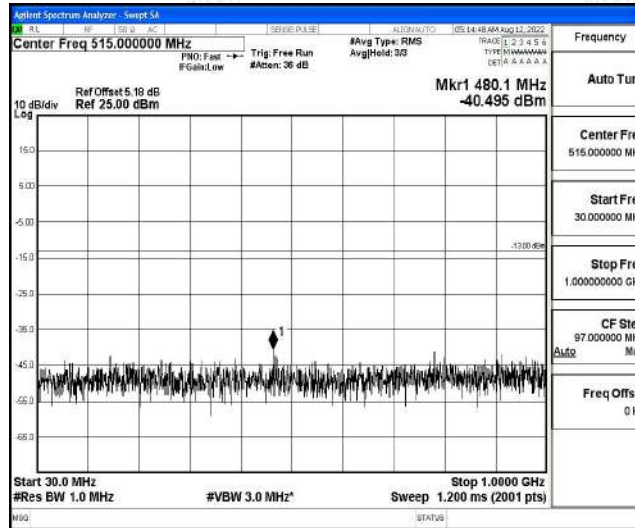


Band4-3MHz-16QAM-20385-1RB#0-Range2:0.15~30MHz

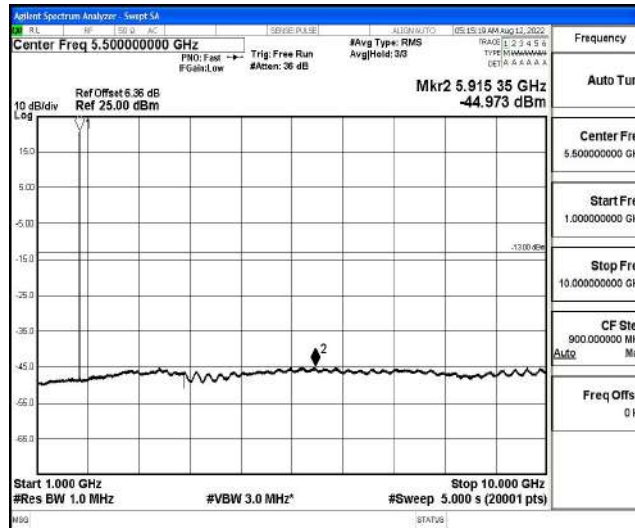


Band4-3MHz-16QAM-20385-1RB#0-Range3:30~1000MHz

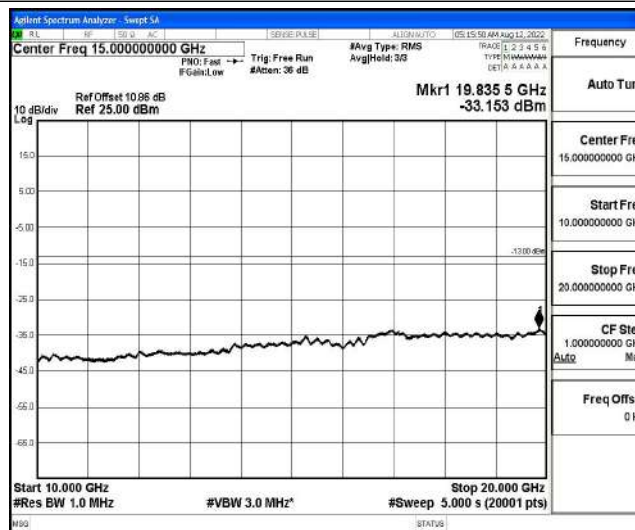




Band4-3MHz-16QAM-20385-1RB#0-Range4:1000~10000MHz

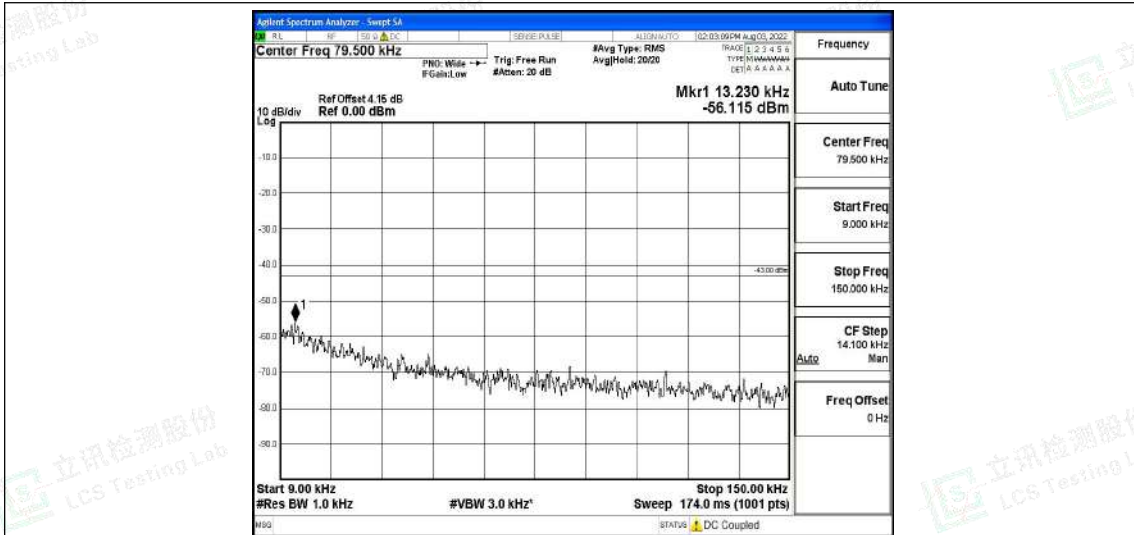


Band4-3MHz-16QAM-20385-1RB#0-Range5:10000~20000MHz

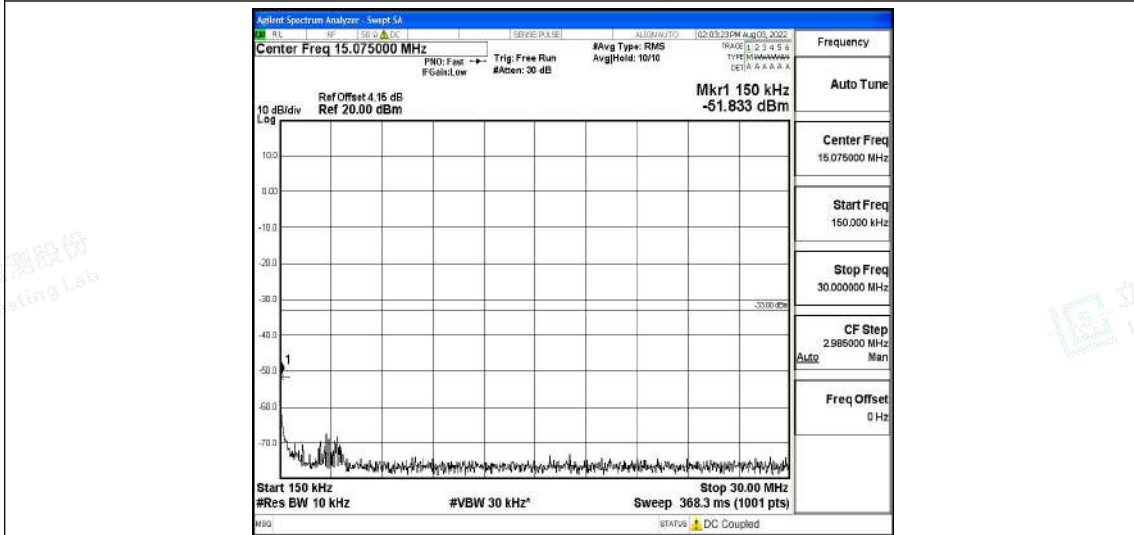


Band4-5MHz-QPSK-19975-1RB#0-Range1:0.009~0.15MHz

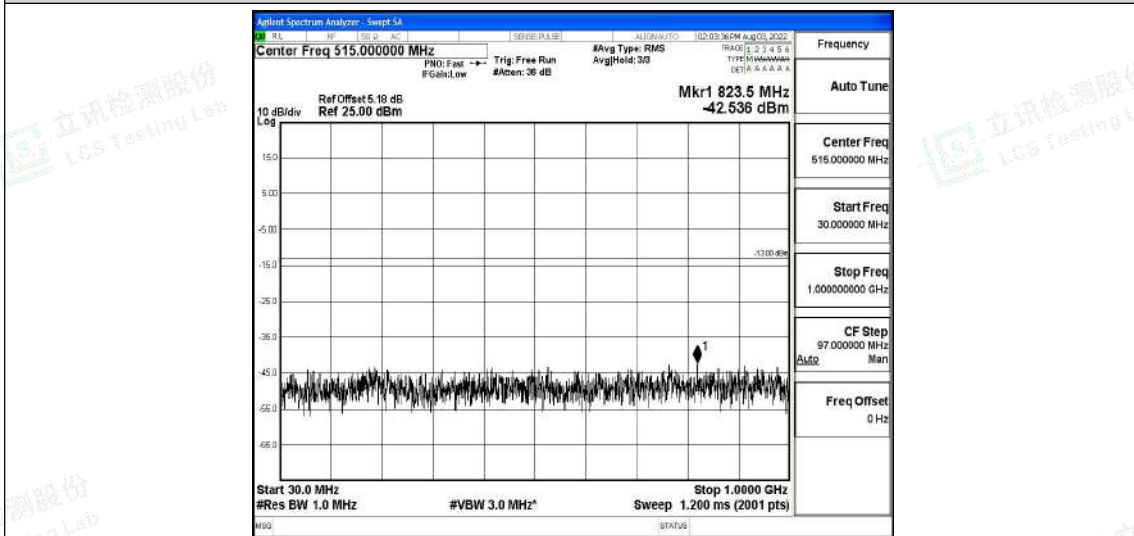




Band4-5MHz-QPSK-19975-1RB#0-Range2:0.15~30MHz

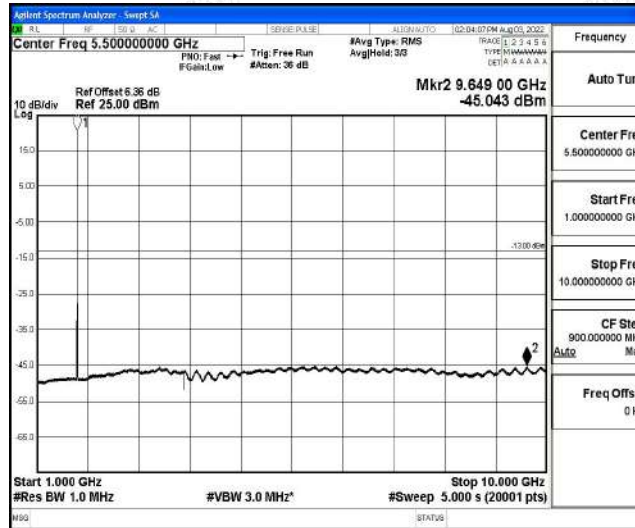


Band4-5MHz-QPSK-19975-1RB#0-Range3:30~1000MHz

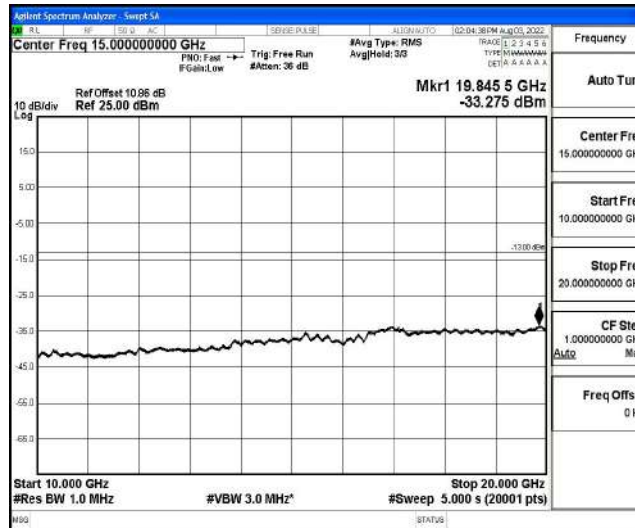


Band4-5MHz-QPSK-19975-1RB#0-Range4:1000~10000MHz

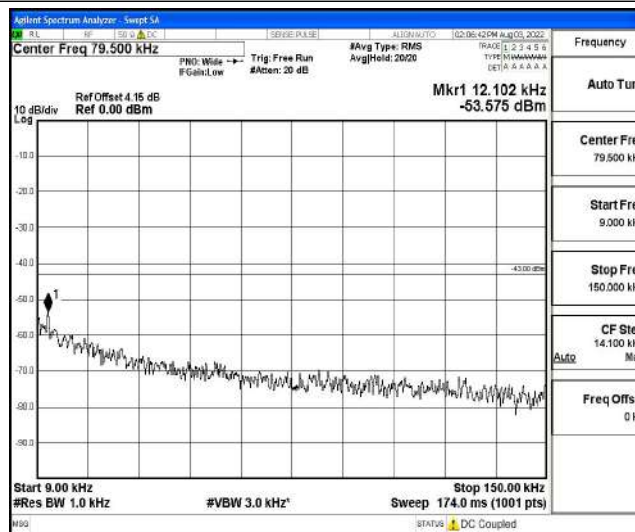




Band4-5MHz-QPSK-19975-1RB#0-Range5:10000~20000MHz

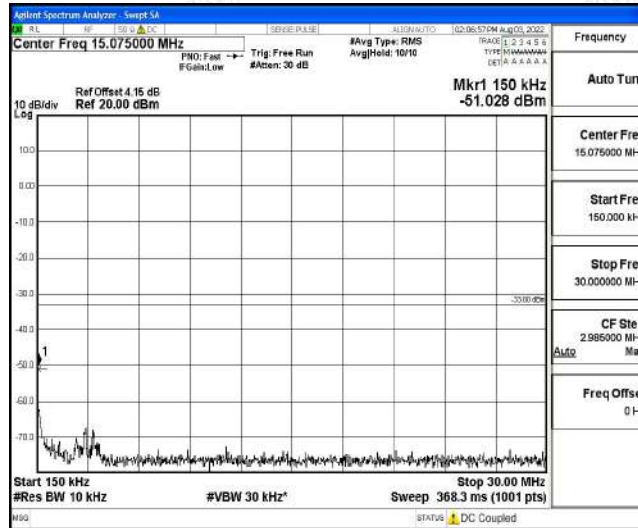


Band4-5MHz-QPSK-20175-1RB#0-Range1:0.009~0.15MHz

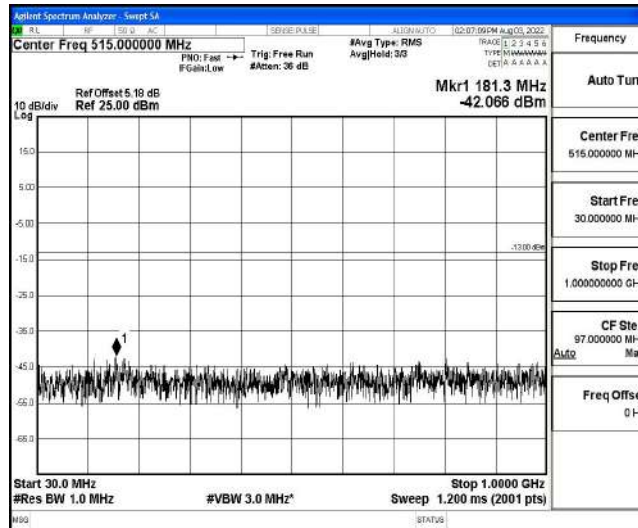


Band4-5MHz-QPSK-20175-1RB#0-Range2:0.15~30MHz

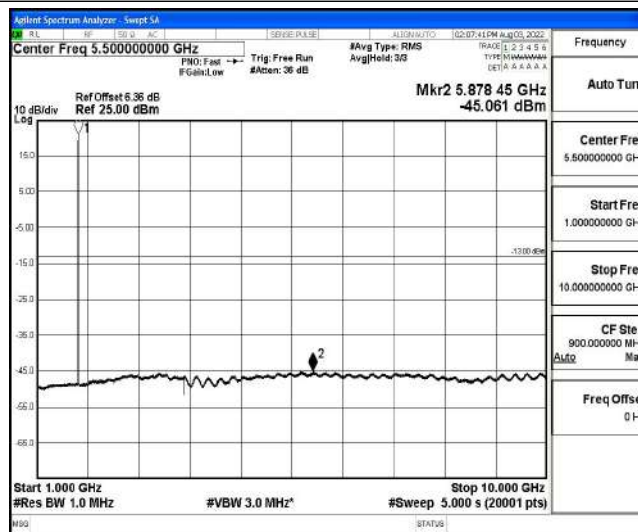




Band4-5MHz-QPSK-20175-1RB#0-Range3:30~1000MHz

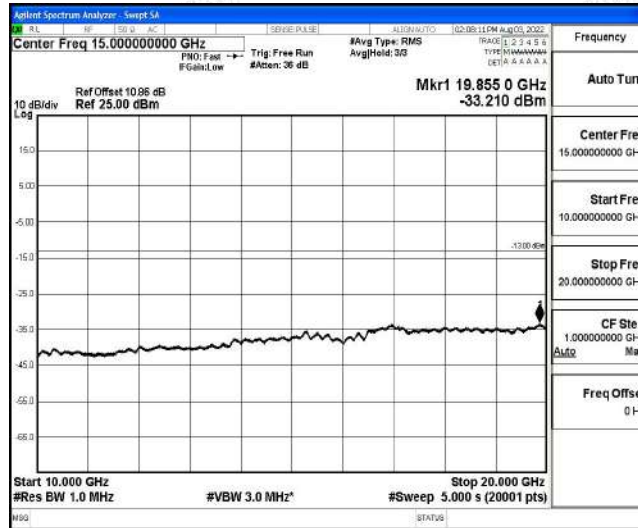


Band4-5MHz-QPSK-20175-1RB#0-Range4:1000~10000MHz

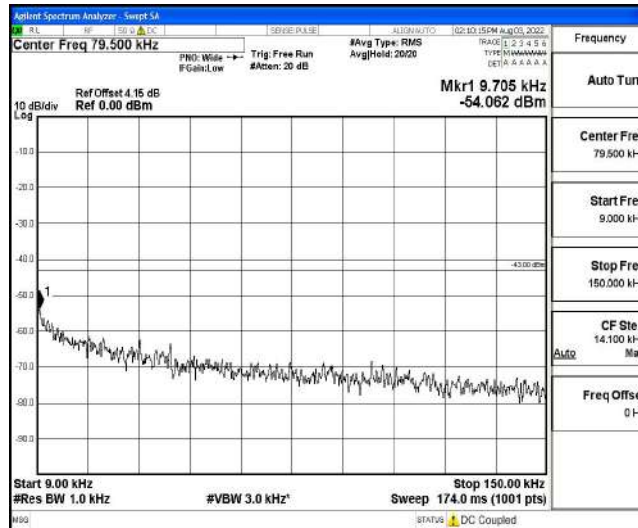


Band4-5MHz-QPSK-20175-1RB#0-Range5:10000~20000MHz

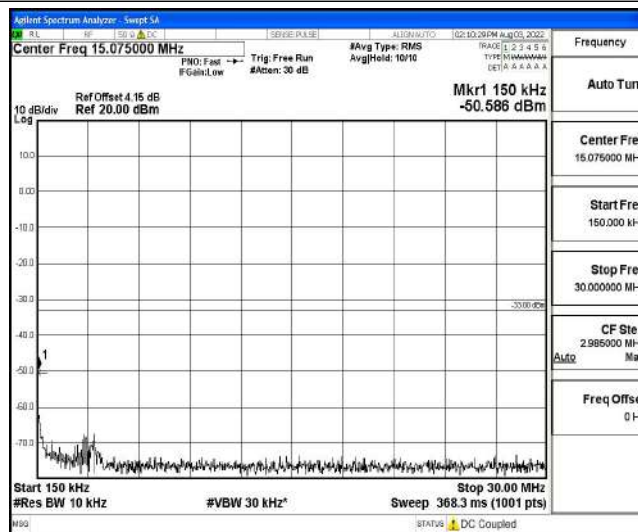




Band4-5MHz-QPSK-20375-1RB#0-Range1:0.009~0.15MHz

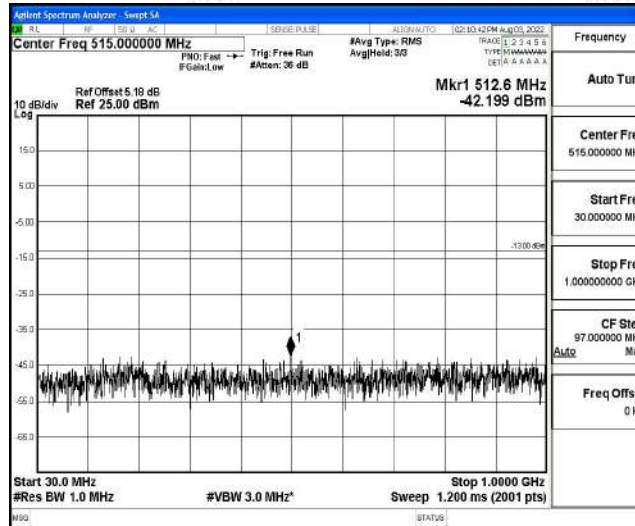


Band4-5MHz-QPSK-20375-1RB#0-Range2:0.15~30MHz

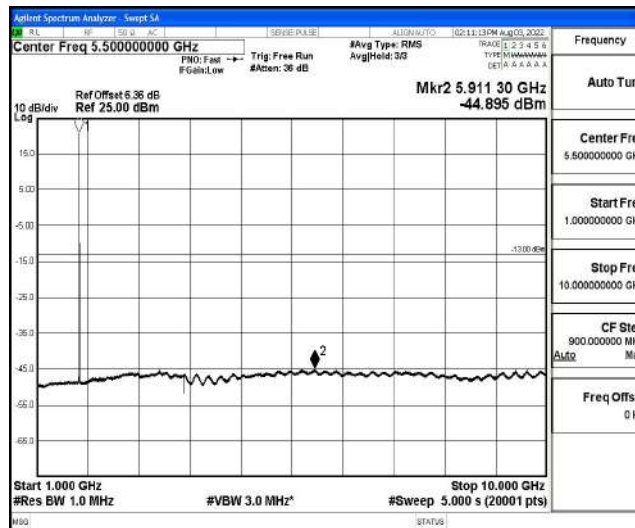


Band4-5MHz-QPSK-20375-1RB#0-Range3:30~1000MHz

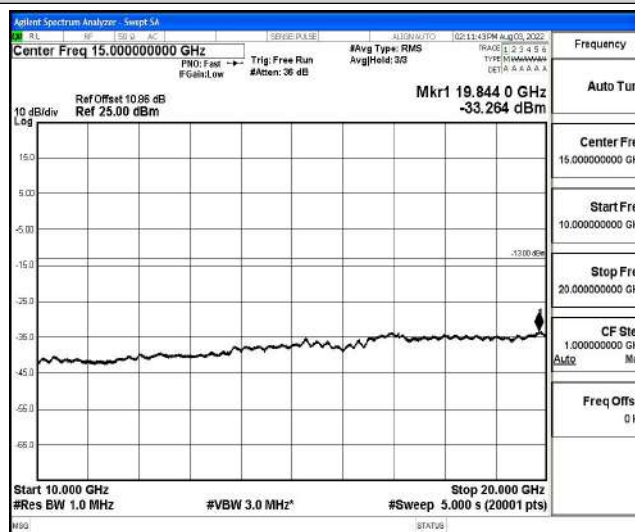




Band4-5MHz-QPSK-20375-1RB#0-Range4:1000~10000MHz

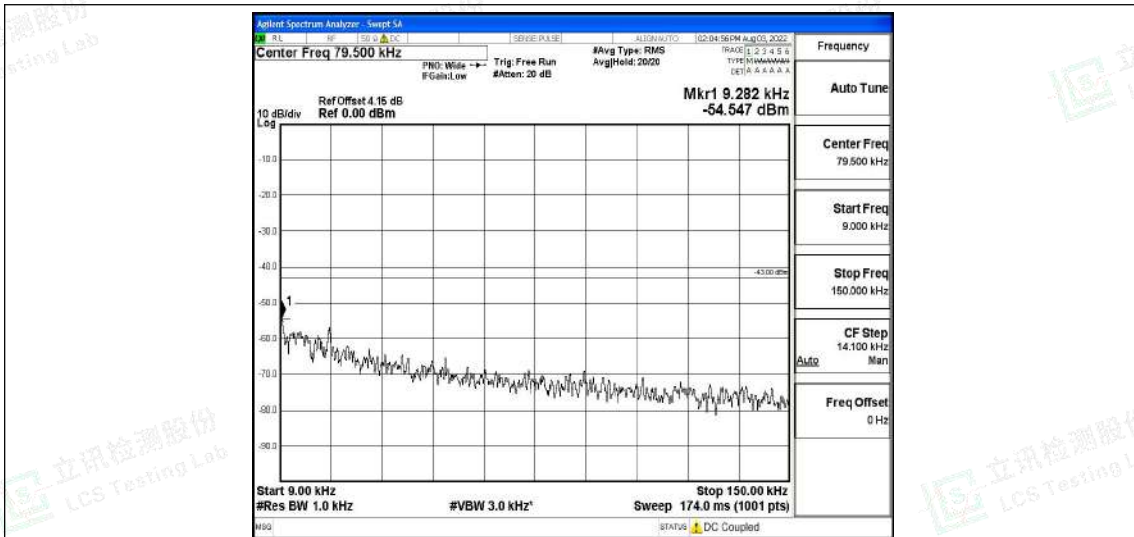


Band4-5MHz-QPSK-20375-1RB#0-Range5:10000~20000MHz



Band4-5MHz-16QAM-19975-1RB#0-Range1:0.009~0.15MHz

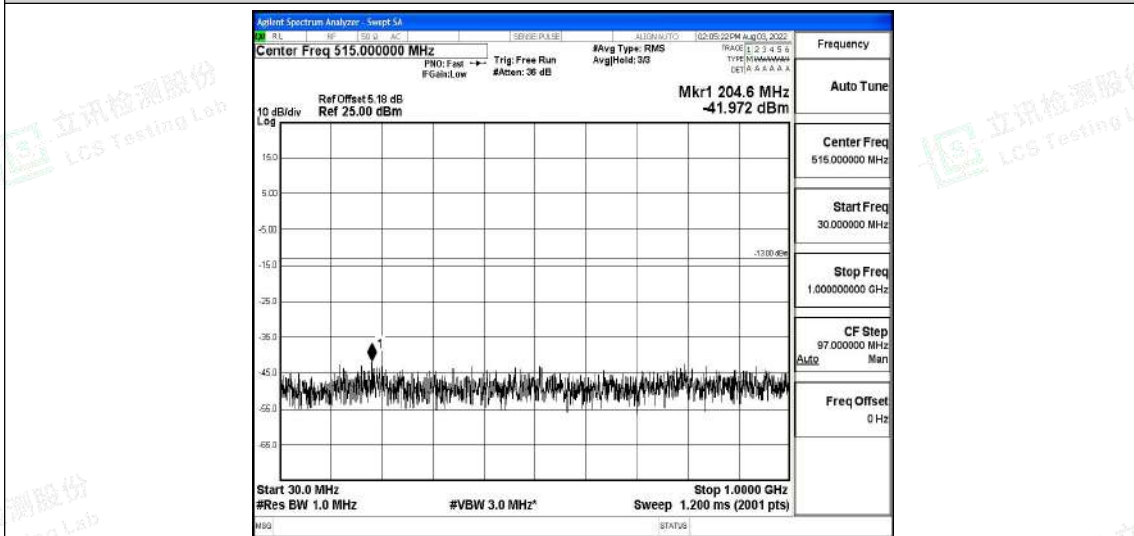




Band4-5MHz-16QAM-19975-1RB#0-Range2:0.15~30MHz

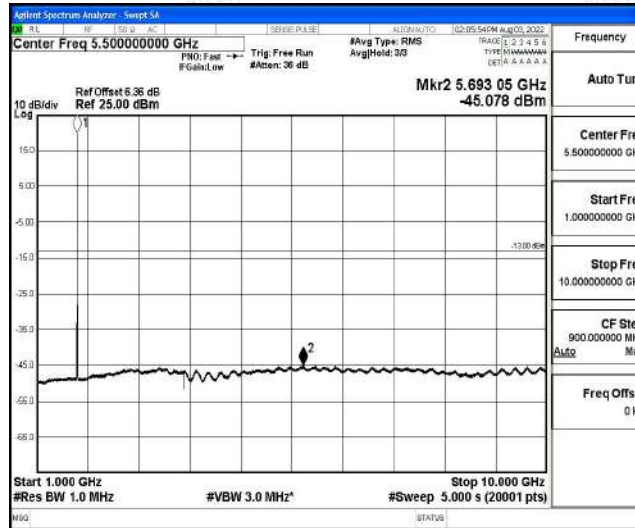


Band4-5MHz-16QAM-19975-1RB#0-Range3:30~1000MHz

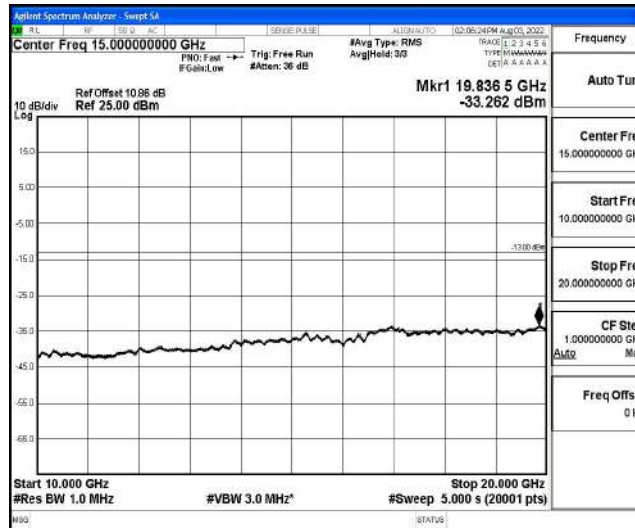


Band4-5MHz-16QAM-19975-1RB#0-Range4:1000~10000MHz

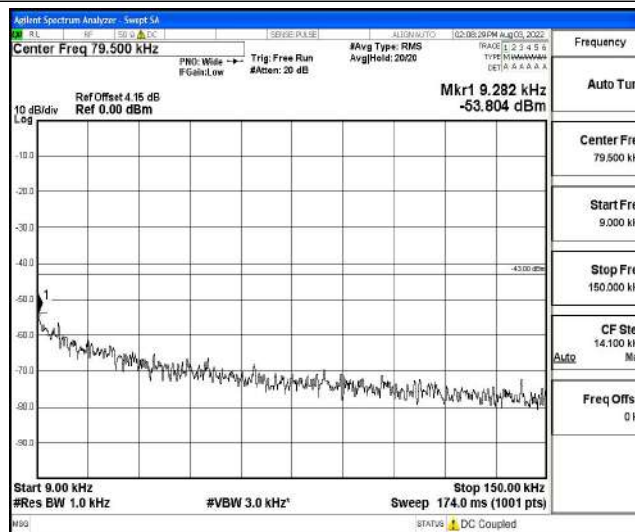




Band4-5MHz-16QAM-19975-1RB#0-Range5:10000~20000MHz



Band4-5MHz-16QAM-20175-1RB#0-Range1:0.009~0.15MHz



Band4-5MHz-16QAM-20175-1RB#0-Range2:0.15~30MHz

