

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.42	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.45	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.36	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.41	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.33	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.53	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.41	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.56	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.59	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.69	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.82	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.60	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.53	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.56	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	24.25	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	24.19	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	24.29	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	24.07	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	24.09	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	24.10	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	23.06	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.61	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.75	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.59	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.92	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	22.91	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	22.41	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.34	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.87	PASS

Band4	1.4MHz	16QAM	20175	1RB#2	23.01	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.67	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	22.51	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	22.53	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.52	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.61	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	23.43	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	23.57	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	23.26	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.78	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	23.08	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	23.09	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	22.22	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.43	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.20	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.43	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.44	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.39	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.45	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.36	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.64	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.58	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.93	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.63	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.55	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.73	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.53	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.72	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.96	PASS
Band4	3MHz	QPSK	20385	1RB#14	24.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.97	PASS
Band4	3MHz	QPSK	20385	8RB#4	23.01	PASS
Band4	3MHz	QPSK	20385	8RB#7	23.13	PASS

Band4	3MHz	QPSK	20385	15RB#0	23.17	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.57	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.94	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.41	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.48	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.54	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.56	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.44	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.54	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.64	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.76	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.58	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.60	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.84	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.50	PASS
Band4	3MHz	16QAM	20385	1RB#0	23.22	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.99	PASS
Band4	3MHz	16QAM	20385	1RB#14	23.25	PASS
Band4	3MHz	16QAM	20385	8RB#0	22.09	PASS
Band4	3MHz	16QAM	20385	8RB#4	22.04	PASS
Band4	3MHz	16QAM	20385	8RB#7	22.36	PASS
Band4	3MHz	16QAM	20385	15RB#0	22.07	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.50	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.32	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.55	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.52	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.45	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.32	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.26	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.63	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.62	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.68	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.69	PASS

Band4	5MHz	QPSK	20175	12RB#6	22.60	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.67	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.57	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.95	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.99	PASS
Band4	5MHz	QPSK	20375	1RB#24	24.14	PASS
Band4	5MHz	QPSK	20375	12RB#0	23.08	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.98	PASS
Band4	5MHz	QPSK	20375	12RB#13	23.21	PASS
Band4	5MHz	QPSK	20375	25RB#0	23.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.51	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.34	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.18	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.30	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.30	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.43	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.33	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.59	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.78	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.79	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.68	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.61	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.40	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.65	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.84	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.89	PASS
Band4	5MHz	16QAM	20375	1RB#24	23.06	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.84	PASS
Band4	5MHz	16QAM	20375	12RB#6	22.16	PASS
Band4	5MHz	16QAM	20375	12RB#13	22.23	PASS
Band4	5MHz	16QAM	20375	25RB#0	22.13	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.30	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.37	PASS

Band4	10MHz	QPSK	20000	1RB#49	23.44	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.43	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.44	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.60	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.45	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.60	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.67	PASS
Band4	10MHz	QPSK	20175	1RB#49	24.10	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.77	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.63	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.78	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.73	PASS
Band4	10MHz	QPSK	20350	1RB#0	24.13	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.92	PASS
Band4	10MHz	QPSK	20350	1RB#49	24.74	PASS
Band4	10MHz	QPSK	20350	25RB#0	23.09	PASS
Band4	10MHz	QPSK	20350	25RB#12	23.13	PASS
Band4	10MHz	QPSK	20350	25RB#25	23.14	PASS
Band4	10MHz	QPSK	20350	50RB#0	23.07	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.40	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.64	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.76	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.54	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.51	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.68	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.44	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.78	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.90	PASS
Band4	10MHz	16QAM	20175	1RB#49	23.21	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.76	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.76	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.85	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.79	PASS

Band4	10MHz	16QAM	20350	1RB#0	23.15	PASS
Band4	10MHz	16QAM	20350	1RB#24	23.05	PASS
Band4	10MHz	16QAM	20350	1RB#49	23.26	PASS
Band4	10MHz	16QAM	20350	25RB#0	22.04	PASS
Band4	10MHz	16QAM	20350	25RB#12	22.04	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.85	PASS
Band4	10MHz	16QAM	20350	50RB#0	22.22	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.44	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.24	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.27	PASS
Band4	15MHz	QPSK	20025	38RB#0	22.62	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.41	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.89	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.32	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.49	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.51	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.93	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.90	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.66	PASS
Band4	15MHz	QPSK	20175	38RB#37	23.29	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.76	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.80	PASS
Band4	15MHz	QPSK	20325	1RB#38	24.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	24.37	PASS
Band4	15MHz	QPSK	20325	38RB#0	23.04	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.93	PASS
Band4	15MHz	QPSK	20325	38RB#37	23.39	PASS
Band4	15MHz	QPSK	20325	75RB#0	23.10	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.25	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.45	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.75	PASS
Band4	15MHz	16QAM	20025	38RB#0	22.36	PASS
Band4	15MHz	16QAM	20025	38RB#18	22.40	PASS

Band4	15MHz	16QAM	20025	38RB#37	21.98	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.45	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.66	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.81	PASS
Band4	15MHz	16QAM	20175	1RB#74	23.20	PASS
Band4	15MHz	16QAM	20175	38RB#0	22.69	PASS
Band4	15MHz	16QAM	20175	38RB#18	23.51	PASS
Band4	15MHz	16QAM	20175	38RB#37	23.04	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.85	PASS
Band4	15MHz	16QAM	20325	1RB#0	23.36	PASS
Band4	15MHz	16QAM	20325	1RB#38	23.41	PASS
Band4	15MHz	16QAM	20325	1RB#74	23.36	PASS
Band4	15MHz	16QAM	20325	38RB#0	22.83	PASS
Band4	15MHz	16QAM	20325	38RB#18	22.90	PASS
Band4	15MHz	16QAM	20325	38RB#37	23.38	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.91	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.33	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.53	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.36	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.59	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.37	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.47	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.52	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.66	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.54	PASS
Band4	20MHz	QPSK	20175	1RB#99	24.27	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.58	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.59	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.86	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.58	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.94	PASS
Band4	20MHz	QPSK	20300	1RB#49	24.18	PASS
Band4	20MHz	QPSK	20300	1RB#99	24.60	PASS

Band4	20MHz	QPSK	20300	50RB#0	22.90	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.97	PASS
Band4	20MHz	QPSK	20300	50RB#50	23.28	PASS
Band4	20MHz	QPSK	20300	100RB#0	23.35	PASS
Band4	20MHz	16QAM	20050	1RB#0	23.20	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.90	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.96	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.42	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.44	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.53	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.56	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.61	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.59	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.45	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.67	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.68	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.82	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.70	PASS
Band4	20MHz	16QAM	20300	1RB#0	23.28	PASS
Band4	20MHz	16QAM	20300	1RB#49	23.23	PASS
Band4	20MHz	16QAM	20300	1RB#99	23.35	PASS
Band4	20MHz	16QAM	20300	50RB#0	22.09	PASS
Band4	20MHz	16QAM	20300	50RB#25	22.05	PASS
Band4	20MHz	16QAM	20300	50RB#50	22.15	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.98	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	E.I.R.P.(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	24.23	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	24.26	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	24.17	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	24.22	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	24.14	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	24.34	PASS

Band4	1.4MHz	QPSK	19957	6RB#0	23.22	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	24.37	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	24.4	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	24.5	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	24.63	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	24.41	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	24.34	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	23.37	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	25.06	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	25	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	25.1	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	24.88	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	24.9	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	24.91	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	23.87	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	23.42	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	23.56	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	23.4	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	23.73	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	23.72	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	23.22	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	22.15	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	23.68	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	23.82	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	23.48	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	23.32	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	23.34	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	23.33	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	22.42	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	24.24	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	24.38	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	24.07	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	23.59	PASS

Band4	1.4MHz	16QAM	20393	3RB#1	23.89	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	23.9	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	23.03	PASS
Band4	3MHz	QPSK	19965	1RB#0	24.24	PASS
Band4	3MHz	QPSK	19965	1RB#8	24.01	PASS
Band4	3MHz	QPSK	19965	1RB#14	24.24	PASS
Band4	3MHz	QPSK	19965	8RB#0	23.25	PASS
Band4	3MHz	QPSK	19965	8RB#4	23.2	PASS
Band4	3MHz	QPSK	19965	8RB#7	23.26	PASS
Band4	3MHz	QPSK	19965	15RB#0	23.17	PASS
Band4	3MHz	QPSK	20175	1RB#0	24.45	PASS
Band4	3MHz	QPSK	20175	1RB#8	24.39	PASS
Band4	3MHz	QPSK	20175	1RB#14	24.74	PASS
Band4	3MHz	QPSK	20175	8RB#0	23.44	PASS
Band4	3MHz	QPSK	20175	8RB#4	23.36	PASS
Band4	3MHz	QPSK	20175	8RB#7	23.54	PASS
Band4	3MHz	QPSK	20175	15RB#0	23.34	PASS
Band4	3MHz	QPSK	20385	1RB#0	24.53	PASS
Band4	3MHz	QPSK	20385	1RB#8	24.77	PASS
Band4	3MHz	QPSK	20385	1RB#14	24.81	PASS
Band4	3MHz	QPSK	20385	8RB#0	23.78	PASS
Band4	3MHz	QPSK	20385	8RB#4	23.82	PASS
Band4	3MHz	QPSK	20385	8RB#7	23.94	PASS
Band4	3MHz	QPSK	20385	15RB#0	23.98	PASS
Band4	3MHz	16QAM	19965	1RB#0	23.38	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.75	PASS
Band4	3MHz	16QAM	19965	1RB#14	23.22	PASS
Band4	3MHz	16QAM	19965	8RB#0	22.29	PASS
Band4	3MHz	16QAM	19965	8RB#4	22.35	PASS
Band4	3MHz	16QAM	19965	8RB#7	22.37	PASS
Band4	3MHz	16QAM	19965	15RB#0	22.25	PASS
Band4	3MHz	16QAM	20175	1RB#0	23.35	PASS
Band4	3MHz	16QAM	20175	1RB#8	23.45	PASS

Band4	3MHz	16QAM	20175	1RB#14	23.57	PASS
Band4	3MHz	16QAM	20175	8RB#0	22.39	PASS
Band4	3MHz	16QAM	20175	8RB#4	22.41	PASS
Band4	3MHz	16QAM	20175	8RB#7	22.65	PASS
Band4	3MHz	16QAM	20175	15RB#0	22.31	PASS
Band4	3MHz	16QAM	20385	1RB#0	24.03	PASS
Band4	3MHz	16QAM	20385	1RB#8	23.8	PASS
Band4	3MHz	16QAM	20385	1RB#14	24.06	PASS
Band4	3MHz	16QAM	20385	8RB#0	22.9	PASS
Band4	3MHz	16QAM	20385	8RB#4	22.85	PASS
Band4	3MHz	16QAM	20385	8RB#7	23.17	PASS
Band4	3MHz	16QAM	20385	15RB#0	22.88	PASS
Band4	5MHz	QPSK	19975	1RB#0	24.31	PASS
Band4	5MHz	QPSK	19975	1RB#12	24.13	PASS
Band4	5MHz	QPSK	19975	1RB#24	24.36	PASS
Band4	5MHz	QPSK	19975	12RB#0	23.33	PASS
Band4	5MHz	QPSK	19975	12RB#6	23.26	PASS
Band4	5MHz	QPSK	19975	12RB#13	23.13	PASS
Band4	5MHz	QPSK	19975	25RB#0	23.07	PASS
Band4	5MHz	QPSK	20175	1RB#0	24.44	PASS
Band4	5MHz	QPSK	20175	1RB#12	24.43	PASS
Band4	5MHz	QPSK	20175	1RB#24	24.49	PASS
Band4	5MHz	QPSK	20175	12RB#0	23.5	PASS
Band4	5MHz	QPSK	20175	12RB#6	23.41	PASS
Band4	5MHz	QPSK	20175	12RB#13	23.48	PASS
Band4	5MHz	QPSK	20175	25RB#0	23.38	PASS
Band4	5MHz	QPSK	20375	1RB#0	24.76	PASS
Band4	5MHz	QPSK	20375	1RB#12	24.8	PASS
Band4	5MHz	QPSK	20375	1RB#24	24.95	PASS
Band4	5MHz	QPSK	20375	12RB#0	23.89	PASS
Band4	5MHz	QPSK	20375	12RB#6	23.79	PASS
Band4	5MHz	QPSK	20375	12RB#13	24.02	PASS
Band4	5MHz	QPSK	20375	25RB#0	23.81	PASS

Band4	5MHz	16QAM	19975	1RB#0	23.32	PASS
Band4	5MHz	16QAM	19975	1RB#12	23.15	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.99	PASS
Band4	5MHz	16QAM	19975	12RB#0	22.11	PASS
Band4	5MHz	16QAM	19975	12RB#6	22.11	PASS
Band4	5MHz	16QAM	19975	12RB#13	22.24	PASS
Band4	5MHz	16QAM	19975	25RB#0	22.14	PASS
Band4	5MHz	16QAM	20175	1RB#0	23.4	PASS
Band4	5MHz	16QAM	20175	1RB#12	23.59	PASS
Band4	5MHz	16QAM	20175	1RB#24	23.6	PASS
Band4	5MHz	16QAM	20175	12RB#0	22.49	PASS
Band4	5MHz	16QAM	20175	12RB#6	22.42	PASS
Band4	5MHz	16QAM	20175	12RB#13	22.21	PASS
Band4	5MHz	16QAM	20175	25RB#0	22.46	PASS
Band4	5MHz	16QAM	20375	1RB#0	23.65	PASS
Band4	5MHz	16QAM	20375	1RB#12	23.7	PASS
Band4	5MHz	16QAM	20375	1RB#24	23.87	PASS
Band4	5MHz	16QAM	20375	12RB#0	22.65	PASS
Band4	5MHz	16QAM	20375	12RB#6	22.97	PASS
Band4	5MHz	16QAM	20375	12RB#13	23.04	PASS
Band4	5MHz	16QAM	20375	25RB#0	22.94	PASS
Band4	10MHz	QPSK	20000	1RB#0	24.11	PASS
Band4	10MHz	QPSK	20000	1RB#24	24.18	PASS
Band4	10MHz	QPSK	20000	1RB#49	24.25	PASS
Band4	10MHz	QPSK	20000	25RB#0	23.24	PASS
Band4	10MHz	QPSK	20000	25RB#12	23.25	PASS
Band4	10MHz	QPSK	20000	25RB#25	23.41	PASS
Band4	10MHz	QPSK	20000	50RB#0	23.26	PASS
Band4	10MHz	QPSK	20175	1RB#0	24.41	PASS
Band4	10MHz	QPSK	20175	1RB#24	24.48	PASS
Band4	10MHz	QPSK	20175	1RB#49	24.91	PASS
Band4	10MHz	QPSK	20175	25RB#0	23.58	PASS
Band4	10MHz	QPSK	20175	25RB#12	23.44	PASS

Band4	10MHz	QPSK	20175	25RB#25	23.59	PASS
Band4	10MHz	QPSK	20175	50RB#0	23.54	PASS
Band4	10MHz	QPSK	20350	1RB#0	24.94	PASS
Band4	10MHz	QPSK	20350	1RB#24	24.73	PASS
Band4	10MHz	QPSK	20350	1RB#49	25.55	PASS
Band4	10MHz	QPSK	20350	25RB#0	23.9	PASS
Band4	10MHz	QPSK	20350	25RB#12	23.94	PASS
Band4	10MHz	QPSK	20350	25RB#25	23.95	PASS
Band4	10MHz	QPSK	20350	50RB#0	23.88	PASS
Band4	10MHz	16QAM	20000	1RB#0	23.21	PASS
Band4	10MHz	16QAM	20000	1RB#24	23.45	PASS
Band4	10MHz	16QAM	20000	1RB#49	23.57	PASS
Band4	10MHz	16QAM	20000	25RB#0	22.35	PASS
Band4	10MHz	16QAM	20000	25RB#12	22.32	PASS
Band4	10MHz	16QAM	20000	25RB#25	22.49	PASS
Band4	10MHz	16QAM	20000	50RB#0	22.25	PASS
Band4	10MHz	16QAM	20175	1RB#0	23.59	PASS
Band4	10MHz	16QAM	20175	1RB#24	23.71	PASS
Band4	10MHz	16QAM	20175	1RB#49	24.02	PASS
Band4	10MHz	16QAM	20175	25RB#0	22.57	PASS
Band4	10MHz	16QAM	20175	25RB#12	22.57	PASS
Band4	10MHz	16QAM	20175	25RB#25	22.66	PASS
Band4	10MHz	16QAM	20175	50RB#0	22.6	PASS
Band4	10MHz	16QAM	20350	1RB#0	23.96	PASS
Band4	10MHz	16QAM	20350	1RB#24	23.86	PASS
Band4	10MHz	16QAM	20350	1RB#49	24.07	PASS
Band4	10MHz	16QAM	20350	25RB#0	22.85	PASS
Band4	10MHz	16QAM	20350	25RB#12	22.85	PASS
Band4	10MHz	16QAM	20350	25RB#25	22.66	PASS
Band4	10MHz	16QAM	20350	50RB#0	23.03	PASS
Band4	15MHz	QPSK	20025	1RB#0	24.25	PASS
Band4	15MHz	QPSK	20025	1RB#38	24.05	PASS
Band4	15MHz	QPSK	20025	1RB#74	24.08	PASS

Band4	15MHz	QPSK	20025	38RB#0	23.43	PASS
Band4	15MHz	QPSK	20025	38RB#18	23.22	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.7	PASS
Band4	15MHz	QPSK	20025	75RB#0	23.13	PASS
Band4	15MHz	QPSK	20175	1RB#0	24.3	PASS
Band4	15MHz	QPSK	20175	1RB#38	24.32	PASS
Band4	15MHz	QPSK	20175	1RB#74	24.74	PASS
Band4	15MHz	QPSK	20175	38RB#0	23.71	PASS
Band4	15MHz	QPSK	20175	38RB#18	23.47	PASS
Band4	15MHz	QPSK	20175	38RB#37	24.1	PASS
Band4	15MHz	QPSK	20175	75RB#0	23.57	PASS
Band4	15MHz	QPSK	20325	1RB#0	24.61	PASS
Band4	15MHz	QPSK	20325	1RB#38	24.81	PASS
Band4	15MHz	QPSK	20325	1RB#74	25.18	PASS
Band4	15MHz	QPSK	20325	38RB#0	23.85	PASS
Band4	15MHz	QPSK	20325	38RB#18	23.74	PASS
Band4	15MHz	QPSK	20325	38RB#37	24.2	PASS
Band4	15MHz	QPSK	20325	75RB#0	23.91	PASS
Band4	15MHz	16QAM	20025	1RB#0	23.06	PASS
Band4	15MHz	16QAM	20025	1RB#38	23.26	PASS
Band4	15MHz	16QAM	20025	1RB#74	23.56	PASS
Band4	15MHz	16QAM	20025	38RB#0	23.17	PASS
Band4	15MHz	16QAM	20025	38RB#18	23.21	PASS
Band4	15MHz	16QAM	20025	38RB#37	22.79	PASS
Band4	15MHz	16QAM	20025	75RB#0	22.26	PASS
Band4	15MHz	16QAM	20175	1RB#0	23.47	PASS
Band4	15MHz	16QAM	20175	1RB#38	23.62	PASS
Band4	15MHz	16QAM	20175	1RB#74	24.01	PASS
Band4	15MHz	16QAM	20175	38RB#0	23.5	PASS
Band4	15MHz	16QAM	20175	38RB#18	24.32	PASS
Band4	15MHz	16QAM	20175	38RB#37	23.85	PASS
Band4	15MHz	16QAM	20175	75RB#0	22.66	PASS
Band4	15MHz	16QAM	20325	1RB#0	24.17	PASS

Band4	15MHz	16QAM	20325	1RB#38	24.22	PASS
Band4	15MHz	16QAM	20325	1RB#74	24.17	PASS
Band4	15MHz	16QAM	20325	38RB#0	23.64	PASS
Band4	15MHz	16QAM	20325	38RB#18	23.71	PASS
Band4	15MHz	16QAM	20325	38RB#37	24.19	PASS
Band4	15MHz	16QAM	20325	75RB#0	22.72	PASS
Band4	20MHz	QPSK	20050	1RB#0	24.14	PASS
Band4	20MHz	QPSK	20050	1RB#49	24.34	PASS
Band4	20MHz	QPSK	20050	1RB#99	24.17	PASS
Band4	20MHz	QPSK	20050	50RB#0	23.4	PASS
Band4	20MHz	QPSK	20050	50RB#25	23.18	PASS
Band4	20MHz	QPSK	20050	50RB#50	23.28	PASS
Band4	20MHz	QPSK	20050	100RB#0	23.33	PASS
Band4	20MHz	QPSK	20175	1RB#0	24.47	PASS
Band4	20MHz	QPSK	20175	1RB#49	24.35	PASS
Band4	20MHz	QPSK	20175	1RB#99	25.08	PASS
Band4	20MHz	QPSK	20175	50RB#0	23.39	PASS
Band4	20MHz	QPSK	20175	50RB#25	23.4	PASS
Band4	20MHz	QPSK	20175	50RB#50	23.67	PASS
Band4	20MHz	QPSK	20175	100RB#0	23.39	PASS
Band4	20MHz	QPSK	20300	1RB#0	24.75	PASS
Band4	20MHz	QPSK	20300	1RB#49	24.99	PASS
Band4	20MHz	QPSK	20300	1RB#99	25.41	PASS
Band4	20MHz	QPSK	20300	50RB#0	23.71	PASS
Band4	20MHz	QPSK	20300	50RB#25	23.78	PASS
Band4	20MHz	QPSK	20300	50RB#50	24.09	PASS
Band4	20MHz	QPSK	20300	100RB#0	24.16	PASS
Band4	20MHz	16QAM	20050	1RB#0	24.01	PASS
Band4	20MHz	16QAM	20050	1RB#49	23.71	PASS
Band4	20MHz	16QAM	20050	1RB#99	23.77	PASS
Band4	20MHz	16QAM	20050	50RB#0	22.23	PASS
Band4	20MHz	16QAM	20050	50RB#25	22.25	PASS
Band4	20MHz	16QAM	20050	50RB#50	22.34	PASS

Band4	20MHz	16QAM	20050	100RB#0	22.37	PASS
Band4	20MHz	16QAM	20175	1RB#0	23.42	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.4	PASS
Band4	20MHz	16QAM	20175	1RB#99	23.26	PASS
Band4	20MHz	16QAM	20175	50RB#0	22.48	PASS
Band4	20MHz	16QAM	20175	50RB#25	22.49	PASS
Band4	20MHz	16QAM	20175	50RB#50	22.63	PASS
Band4	20MHz	16QAM	20175	100RB#0	22.51	PASS
Band4	20MHz	16QAM	20300	1RB#0	24.09	PASS
Band4	20MHz	16QAM	20300	1RB#49	24.04	PASS
Band4	20MHz	16QAM	20300	1RB#99	24.16	PASS
Band4	20MHz	16QAM	20300	50RB#0	22.9	PASS
Band4	20MHz	16QAM	20300	50RB#25	22.86	PASS
Band4	20MHz	16QAM	20300	50RB#50	22.96	PASS
Band4	20MHz	16QAM	20300	100RB#0	22.79	PASS

2. Frequency stability

2.1 Test Result

Test Band: 4 1.4MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NT	LV	-23.7894	-49.7389	-6.3801	-0.0139	-0.0287	-0.0036	2.50	PASS
				NV	-28.2097	-20.2417	-2.1744	-0.0165	-0.0117	-0.0012	2.50	PASS
				HV	-18.6682	-27.3228	2.2888	-0.0109	-0.0158	0.0013	2.50	PASS
16QAM	6	0	NT	LV	-31.1995	-32.9447	-28.2955	-0.0182	-0.0190	-0.0161	2.50	PASS
				NV	-23.7179	-26.0782	-30.4127	-0.0139	-0.0151	-0.0173	2.50	PASS
				HV	-27.2798	-34.1177	-29.7117	-0.0159	-0.0197	-0.0169	2.50	PASS

Test Band: 4 1.4MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NV	-30.00	-12.8174	-29.4256	3.7766	-0.0075	-0.0170	0.0022	2.50	PASS
				-20.00	-14.7057	-36.5782	-15.7785	-0.0086	-0.0211	-0.0090	2.50	PASS
				-10.00	-12.3024	-38.8813	-13.4182	-0.0072	-0.0224	-0.0076	2.50	PASS
				0.00	-16.1791	-26.9079	-12.3882	-0.0095	-0.0155	-0.0071	2.50	PASS
				10.00	-8.3113	-28.7819	-10.8290	-0.0049	-0.0166	-0.0062	2.50	PASS
				20.00	-5.0640	-15.8644	-11.0722	-0.0030	-0.0092	-0.0063	2.50	PASS
				30.00	-2.2030	-13.4039	-7.3242	-0.0013	-0.0077	-0.0042	2.50	PASS
				40.00	-14.9918	-10.9291	-2.8181	-0.0088	-0.0063	-0.0016	2.50	PASS
				50.00	-13.1464	-6.8522	-2.0170	-0.0077	-0.0040	-0.0011	2.50	PASS

16QAM	6	0	NV	-30.00	-27.9665	-28.5387	-31.8718	-0.0163	-0.0165	-0.0182	2.50	PASS
				-20.00	-30.1695	-30.6988	-29.2683	-0.0176	-0.0177	-0.0167	2.50	PASS
				-10.00	-24.1613	-50.1680	-14.5626	-0.0141	-0.0290	-0.0083	2.50	PASS
				0.00	-27.2798	-48.6946	-11.9305	-0.0159	-0.0281	-0.0068	2.50	PASS
				10.00	-27.8950	-49.1095	-12.3882	-0.0163	-0.0283	-0.0071	2.50	PASS
				20.00	-21.4434	-55.7327	-12.9604	-0.0125	-0.0322	-0.0074	2.50	PASS
				30.00	-20.3276	-52.7859	-5.9652	-0.0119	-0.0305	-0.0034	2.50	PASS
				40.00	-25.5632	-52.3424	-8.5115	-0.0149	-0.0302	-0.0049	2.50	PASS
				50.00	-29.5258	-30.4985	-7.3671	-0.0173	-0.0176	-0.0042	2.50	PASS

Test Band: 4 3MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NT	LV	-23.0455	-30.9706	-24.5619	-0.0135	-0.0179	-0.0140	2.50	PASS
				NV	-16.2935	-26.1211	-23.8752	-0.0095	-0.0151	-0.0136	2.50	PASS
				HV	-19.1116	-30.5128	-25.3916	-0.0112	-0.0176	-0.0145	2.50	PASS
16QAM	15	0	NT	LV	-22.8882	-23.0885	-31.0135	-0.0134	-0.0133	-0.0177	2.50	PASS
				NV	-14.1764	-19.5694	-22.8310	-0.0083	-0.0113	-0.0130	2.50	PASS
				HV	-16.3508	-19.6838	-24.7621	-0.0096	-0.0114	-0.0141	2.50	PASS

Test Band: 4 3MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NV	-30.00	-22.0871	-33.9460	-29.8691	-0.0129	-0.0196	-0.0170	2.50	PASS
				-20.00	-19.7411	-30.2696	-30.5414	-0.0115	-0.0175	-0.0174	2.50	PASS
				-10.00	-14.0047	-34.0891	-24.3044	-0.0082	-0.0197	-0.0139	2.50	PASS
				0.00	-19.0973	-31.1852	-24.8480	-0.0112	-0.0180	-0.0142	2.50	PASS
				10.00	-17.9672	-33.8888	-27.8950	-0.0105	-0.0196	-0.0159	2.50	PASS
				20.00	-18.1389	-16.6798	-29.0680	-0.0106	-0.0096	-0.0166	2.50	PASS
				30.00	-14.7343	-15.6212	-30.2553	-0.0086	-0.0090	-0.0173	2.50	PASS
				40.00	-14.6914	-11.5299	-23.1171	-0.0086	-0.0067	-0.0132	2.50	PASS
				50.00	-12.5885	-13.6042	-28.2240	-0.0074	-0.0079	-0.0161	2.50	PASS
16QAM	15	0	NV	-30.00	-12.6028	-15.0061	-21.2717	-0.0074	-0.0087	-0.0121	2.50	PASS
				-20.00	-17.1518	-17.4666	-12.8746	-0.0100	-0.0101	-0.0073	2.50	PASS
				-10.00	-10.7288	-5.4932	-7.5674	-0.0063	-0.0032	-0.0043	2.50	PASS
				0.00	-9.6989	-8.7547	-3.6621	-0.0057	-0.0051	-0.0021	2.50	PASS
				10.00	-5.4932	-11.0436	-9.9421	-0.0032	-0.0064	-0.0057	2.50	PASS
				20.00	-23.9325	-12.0878	-5.6934	-0.0140	-0.0070	-0.0032	2.50	PASS
				30.00	-26.7506	-11.4441	-12.5599	-0.0156	-0.0066	-0.0072	2.50	PASS
				40.00	-24.1613	-12.6028	-19.9127	-0.0141	-0.0073	-0.0114	2.50	PASS
				50.00	-26.6790	-6.5660	-13.6185	-0.0156	-0.0038	-0.0078	2.50	PASS

Test Band: 4 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	-23.6034	-14.3766	-19.7697	-0.0138	-0.0083	-0.0113	2.50	PASS
				NV	-25.3773	-9.8133	-9.6989	-0.0148	-0.0057	-0.0055	2.50	PASS
				HV	-23.1600	-12.3596	-5.7507	-0.0135	-0.0071	-0.0033	2.50	PASS
16QAM	25	0	NT	LV	-11.5013	-32.4011	-10.8576	-0.0067	-0.0187	-0.0062	2.50	PASS
				NV	-14.7200	-21.0428	-16.2220	-0.0086	-0.0121	-0.0093	2.50	PASS
				HV	-11.7874	-28.0380	-25.7778	-0.0069	-0.0162	-0.0147	2.50	PASS

Test Band: 4_5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-30.00	-27.0081	-10.6573	-10.5858	-0.0158	-0.0062	-0.0060	2.50	PASS
				-20.00	-23.3459	-14.1334	-15.2492	-0.0136	-0.0082	-0.0087	2.50	PASS
				-10.00	-20.3133	-13.4897	-17.7670	-0.0119	-0.0078	-0.0101	2.50	PASS
				0.00	-18.6110	-14.1192	-18.2676	-0.0109	-0.0081	-0.0104	2.50	PASS
				10.00	-21.5578	-13.0463	-14.6484	-0.0126	-0.0075	-0.0084	2.50	PASS
				20.00	-23.2172	-15.4066	-31.1136	-0.0136	-0.0089	-0.0178	2.50	PASS
				30.00	-23.8180	-14.8773	-22.5878	-0.0139	-0.0086	-0.0129	2.50	PASS
				40.00	-25.8350	-14.6341	-19.5122	-0.0151	-0.0084	-0.0111	2.50	PASS
				50.00	-15.8215	-18.1675	-21.5578	-0.0092	-0.0105	-0.0123	2.50	PASS
16QAM	25	0	NV	-30.00	-14.9202	-20.4992	-25.4917	-0.0087	-0.0118	-0.0145	2.50	PASS
				-20.00	-22.0299	-19.2547	-25.7349	-0.0129	-0.0111	-0.0147	2.50	PASS
				-10.00	-21.7295	-14.8630	-25.8636	-0.0127	-0.0086	-0.0148	2.50	PASS
				0.00	-18.4965	-12.3596	-23.4318	-0.0108	-0.0071	-0.0134	2.50	PASS
				10.00	-17.8242	-19.2833	-10.5715	-0.0104	-0.0111	-0.0060	2.50	PASS
				20.00	-10.9291	-18.4965	-17.2949	-0.0064	-0.0107	-0.0099	2.50	PASS
				30.00	-11.6014	-24.0898	-19.4979	-0.0068	-0.0139	-0.0111	2.50	PASS
				40.00	-7.9250	-19.1259	-23.9897	-0.0046	-0.0110	-0.0137	2.50	PASS
				50.00	-4.8065	-10.0851	-18.9829	-0.0028	-0.0058	-0.0108	2.50	PASS

Test Band: 4 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	-25.2199	-25.7492	-22.3589	-0.0147	-0.0149	-0.0128	2.50	PASS
				NV	-29.3827	-19.9127	-26.4358	-0.0171	-0.0115	-0.0151	2.50	PASS
				HV	-31.7430	-17.7956	-18.9257	-0.0185	-0.0103	-0.0108	2.50	PASS
16QAM	50	0	NT	LV	-8.5258	-30.4699	0.7010	-0.0050	-0.0176	0.0004	2.50	PASS
				NV	-8.6403	-21.2717	-13.6614	-0.0050	-0.0123	-0.0078	2.50	PASS
				HV	-10.0422	-21.3575	-8.0824	-0.0059	-0.0123	-0.0046	2.50	PASS

Test Band: 4 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-30.00	-21.5721	-18.1246	-16.4509	-0.0126	-0.0105	-0.0094	2.50	PASS
				-20.00	-20.3276	-15.6355	-22.3446	-0.0119	-0.0090	-0.0128	2.50	PASS
				-10.00	-16.6798	-21.8868	-32.4726	-0.0097	-0.0126	-0.0186	2.50	PASS
				0.00	-18.7397	-20.8569	-27.4229	-0.0109	-0.0120	-0.0157	2.50	PASS
				10.00	-20.7710	-17.0088	-32.4726	-0.0121	-0.0098	-0.0186	2.50	PASS
				20.00	-21.3718	-14.9202	-26.3357	-0.0125	-0.0086	-0.0150	2.50	PASS
				30.00	-21.1430	-13.5040	-29.7260	-0.0123	-0.0078	-0.0170	2.50	PASS
				40.00	-19.4550	-20.0558	-30.0550	-0.0113	-0.0116	-0.0172	2.50	PASS
				50.00	-20.1273	-19.8841	-31.0707	-0.0117	-0.0115	-0.0178	2.50	PASS
16QAM	50	0	NV	-30.00	-5.1785	-21.8296	-7.8392	-0.0030	-0.0126	-0.0045	2.50	PASS
				-20.00	2.0742	-16.9945	-2.9612	0.0012	-0.0098	-0.0017	2.50	PASS
				-10.00	-13.1035	-22.5592	-3.9625	-0.0076	-0.0130	-0.0023	2.50	PASS
				0.00	-4.1628	-14.9059	-5.9509	-0.0024	-0.0086	-0.0034	2.50	PASS
				10.00	-4.3344	-13.6757	-2.8753	-0.0025	-0.0079	-0.0016	2.50	PASS
				20.00	-11.6587	-11.0578	-16.1791	-0.0068	-0.0064	-0.0092	2.50	PASS
				30.00	-16.5510	-7.1096	-13.7901	-0.0097	-0.0041	-0.0079	2.50	PASS
				40.00	-7.2956	-6.3658	-16.0932	-0.0043	-0.0037	-0.0092	2.50	PASS
				50.00	-11.5871	-2.5463	-8.3685	-0.0068	-0.0015	-0.0048	2.50	PASS

Test Band: 4 15MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NT	LV	-5.9938	-9.0122	-14.1907	-0.0035	-0.0052	-0.0081	2.50	PASS
				NV	-16.8800	-6.2370	-11.6730	-0.0098	-0.0036	-0.0067	2.50	PASS
				HV	-9.1839	-9.2983	-20.3133	-0.0053	-0.0054	-0.0116	2.50	PASS
16QAM	75	0	NT	LV	-12.5027	-9.8133	-12.8889	-0.0073	-0.0057	-0.0074	2.50	PASS
				NV	-4.6778	-14.9202	-9.9564	-0.0027	-0.0086	-0.0057	2.50	PASS
				HV	-5.0068	-20.4992	-7.9393	-0.0029	-0.0118	-0.0045	2.50	PASS

Test Band: 4 15MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NV	-30.00	-12.7029	-0.0715	-22.4447	-0.0074	0.0000	-0.0128	2.50	PASS
				-20.00	-9.8133	-4.0483	-12.3453	-0.0057	-0.0023	-0.0071	2.50	PASS
				-10.00	-13.2179	-16.9945	-12.8889	-0.0077	-0.0098	-0.0074	2.50	PASS
				0.00	-12.2452	-19.0830	-18.3535	-0.0071	-0.0110	-0.0105	2.50	PASS
				10.00	-8.7690	-19.5837	-20.2560	-0.0051	-0.0113	-0.0116	2.50	PASS
				20.00	-8.4114	-12.5313	-16.5224	-0.0049	-0.0072	-0.0095	2.50	PASS
				30.00	-5.7507	-13.8187	-18.0960	-0.0033	-0.0080	-0.0104	2.50	PASS
				40.00	-5.6648	-14.1764	-18.2819	-0.0033	-0.0082	-0.0105	2.50	PASS
				50.00	0.0143	-12.8317	-16.9945	0.0000	-0.0074	-0.0097	2.50	PASS
16QAM	75	0	NV	-30.00	-6.3229	-16.9230	-10.8862	-0.0037	-0.0098	-0.0062	2.50	PASS
				-20.00	-11.7302	-19.9270	-7.5674	-0.0068	-0.0115	-0.0043	2.50	PASS
				-10.00	-13.5612	-14.7057	-20.0415	-0.0079	-0.0085	-0.0115	2.50	PASS
				0.00	-7.5245	-14.1764	-17.1804	-0.0044	-0.0082	-0.0098	2.50	PASS
				10.00	-13.3896	-23.1314	-14.0905	-0.0078	-0.0134	-0.0081	2.50	PASS
				20.00	-23.8180	-18.2962	-15.4781	-0.0139	-0.0106	-0.0089	2.50	PASS
				30.00	-11.0865	-12.8031	-11.2581	-0.0065	-0.0074	-0.0064	2.50	PASS
				40.00	-7.7534	-8.9836	-10.3283	-0.0045	-0.0052	-0.0059	2.50	PASS
				50.00	-13.0034	-13.2322	-10.8862	-0.0076	-0.0076	-0.0062	2.50	PASS

Test Band: 4 20MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NT	LV	-11.1580	-17.2520	-14.7915	-0.0065	-0.0100	-0.0085	2.50	PASS
				NV	-2.2030	-11.8017	-14.1192	-0.0013	-0.0068	-0.0081	2.50	PASS
				HV	-5.4073	-14.3910	-9.8848	-0.0031	-0.0083	-0.0057	2.50	PASS
16QAM	100	0	NT	LV	-3.7909	-18.5680	-8.3256	-0.0022	-0.0107	-0.0048	2.50	PASS
				NV	2.0313	-20.7710	-8.5831	0.0012	-0.0120	-0.0049	2.50	PASS
				HV	-5.3501	-23.8037	-7.6532	-0.0031	-0.0137	-0.0044	2.50	PASS

Test Band: 4_20MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NV	-30.00	-10.1996	-10.2568	-11.6014	-0.0059	-0.0059	-0.0066	2.50	PASS
				-20.00	-4.6635	-7.4244	-7.7820	-0.0027	-0.0043	-0.0045	2.50	PASS
				-10.00	-2.1172	-10.8433	-13.1893	-0.0012	-0.0063	-0.0076	2.50	PASS
				0.00	0.1287	-5.6934	-1.3590	0.0001	-0.0033	-0.0008	2.50	PASS
				10.00	-9.6130	-5.4359	-15.0347	-0.0056	-0.0031	-0.0086	2.50	PASS
				20.00	-12.0449	-13.2036	-29.8977	-0.0070	-0.0076	-0.0171	2.50	PASS
				30.00	-7.4100	-7.7677	-29.3827	-0.0043	-0.0045	-0.0168	2.50	PASS
				40.00	-2.3746	-6.5660	-25.4345	-0.0014	-0.0038	-0.0146	2.50	PASS

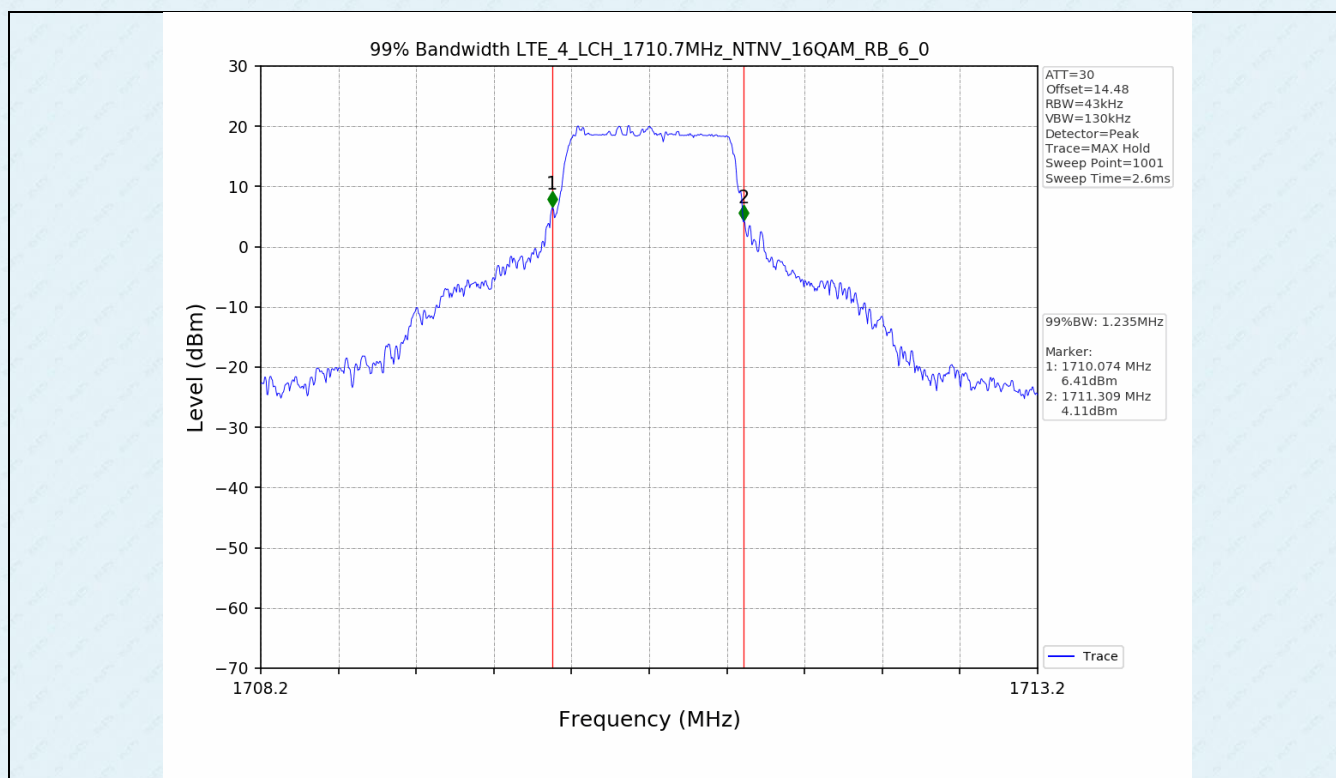
				50.00	1.5879	-8.5974	-20.9427	0.0009	-0.0050	-0.0120	2.50	PASS
				-30.00	-8.5545	-24.0183	-7.4100	-0.0050	-0.0139	-0.0042	2.50	PASS
				-20.00	-0.7582	-22.4161	0.1717	-0.0004	-0.0129	0.0001	2.50	PASS
				-10.00	-11.9019	-22.5449	-19.3262	-0.0069	-0.0130	-0.0111	2.50	PASS
				0.00	-9.3269	-8.1968	-28.9249	-0.0054	-0.0047	-0.0166	2.50	PASS
				10.00	-6.4659	4.2343	-13.5469	-0.0038	0.0024	-0.0078	2.50	PASS
				20.00	-18.3106	-0.7868	-10.2139	-0.0106	-0.0005	-0.0059	2.50	PASS
				30.00	-18.6968	-5.0783	-21.0571	-0.0109	-0.0029	-0.0121	2.50	PASS
				40.00	-20.0272	0.5722	-16.9516	-0.0116	0.0003	-0.0097	2.50	PASS
				50.00	-18.8971	-10.1280	-10.3712	-0.0110	-0.0058	-0.0059	2.50	PASS

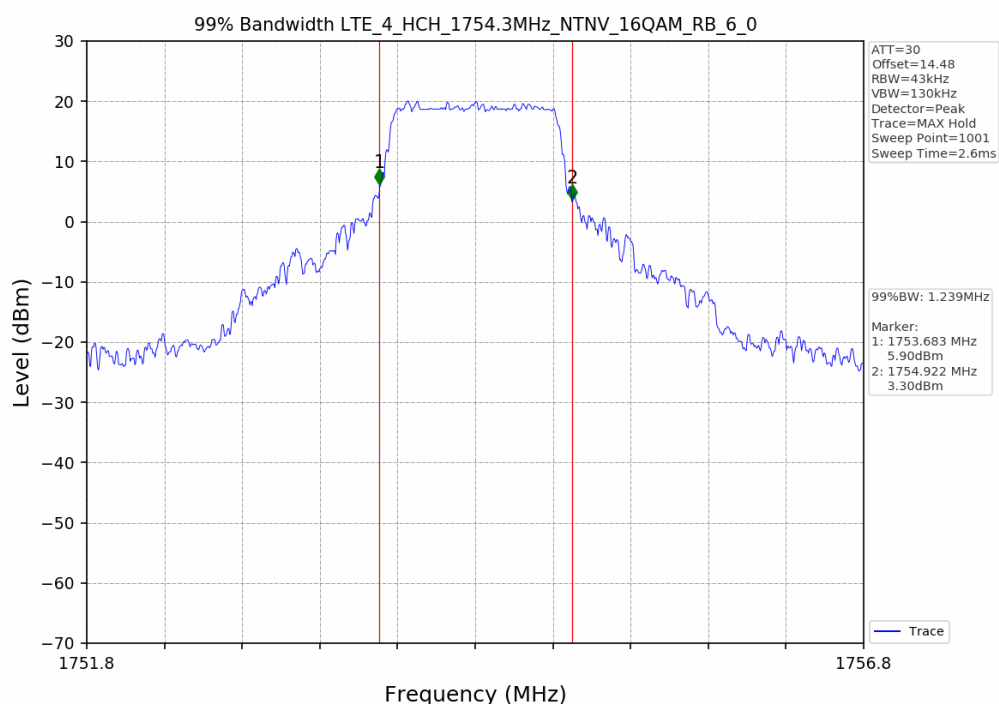
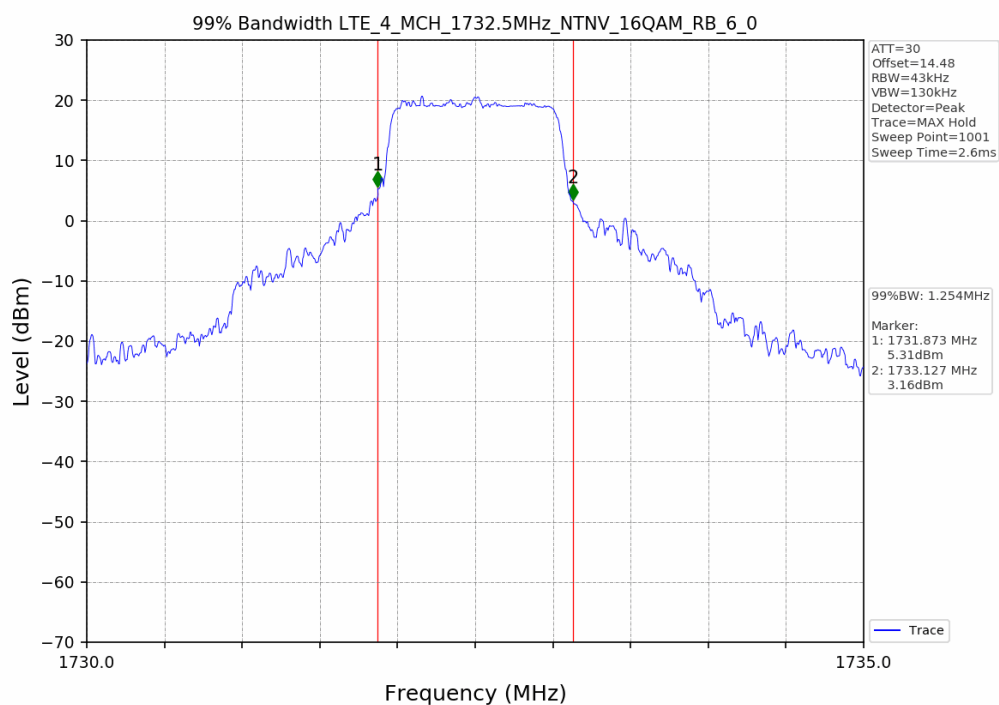
3. 99% & 26dB Bandwidth

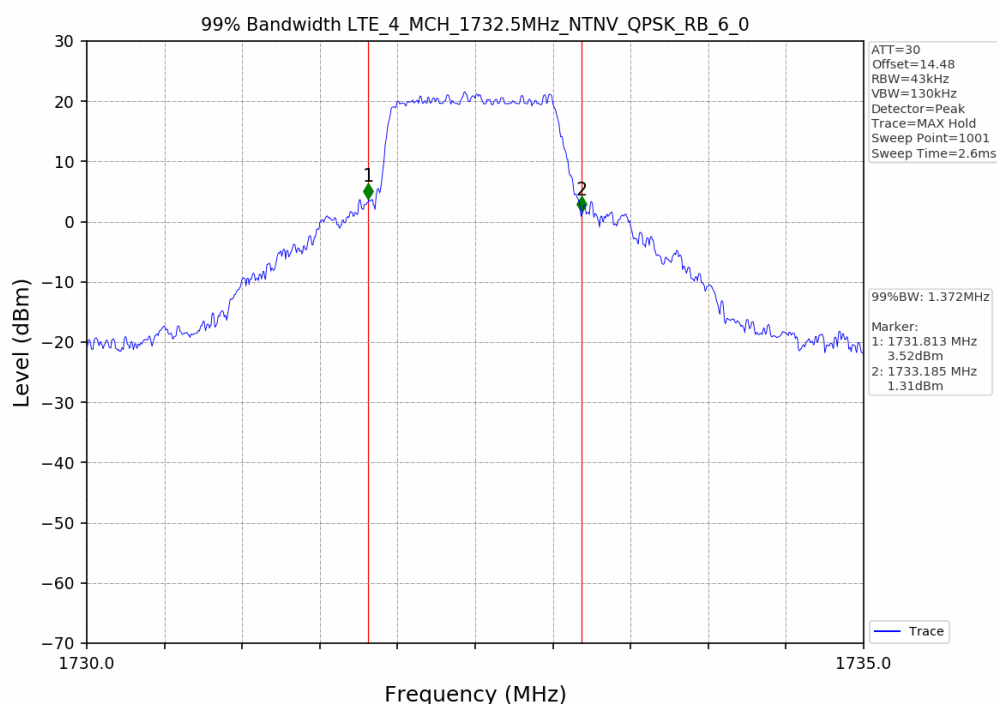
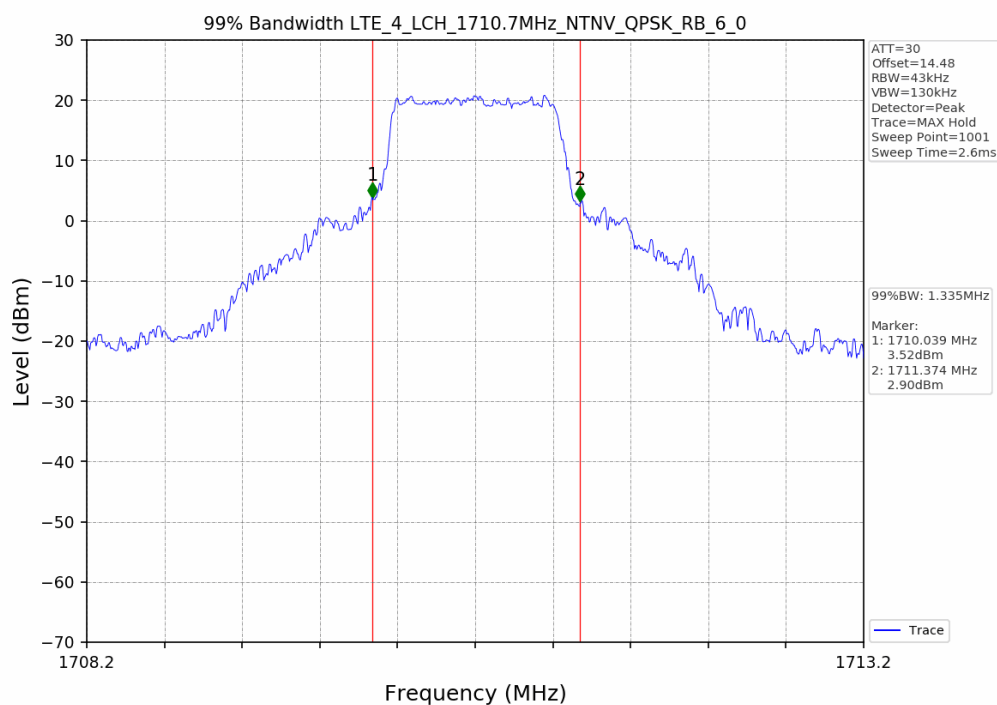
3.1 Test Result

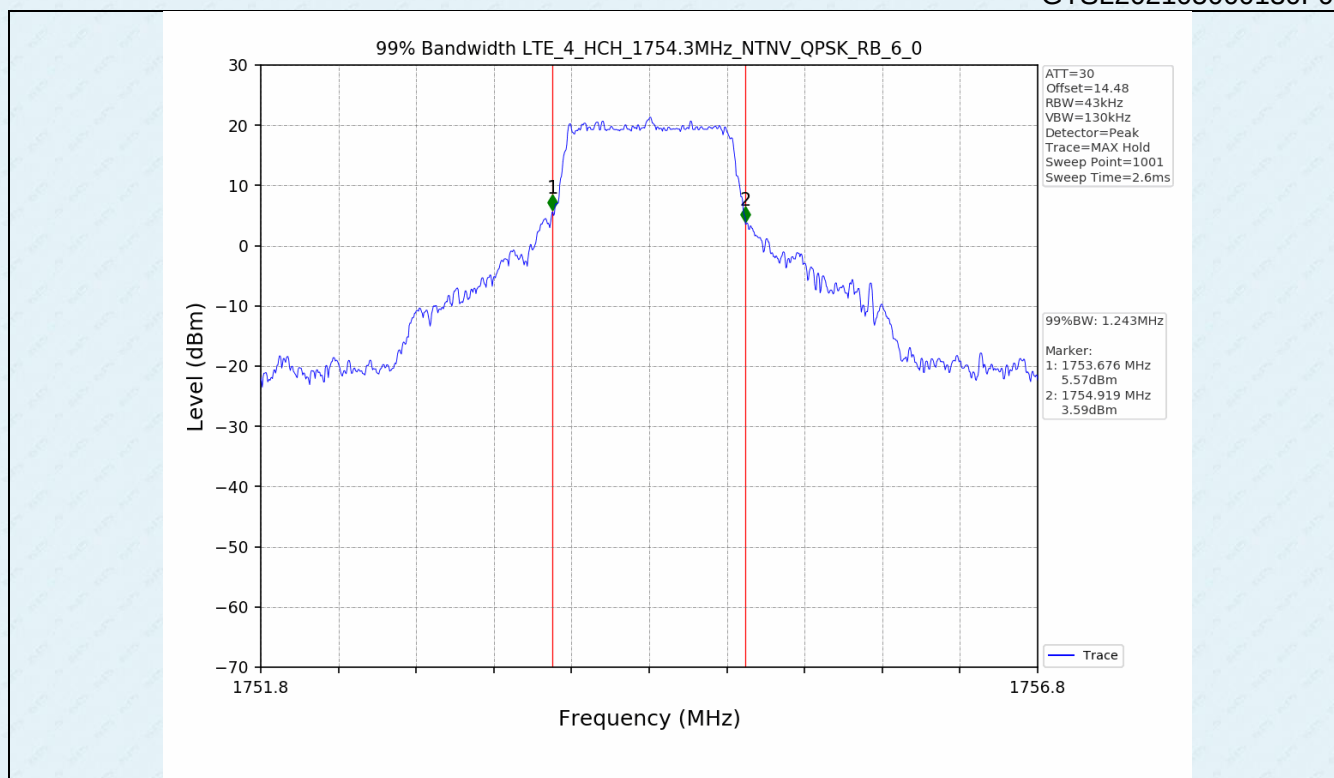
Test Band: 4_1.4MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.335	1.372	1.243	N/A	PASS
16QAM	6	0	1.235	1.254	1.239	N/A	PASS

3.2 Test Graph



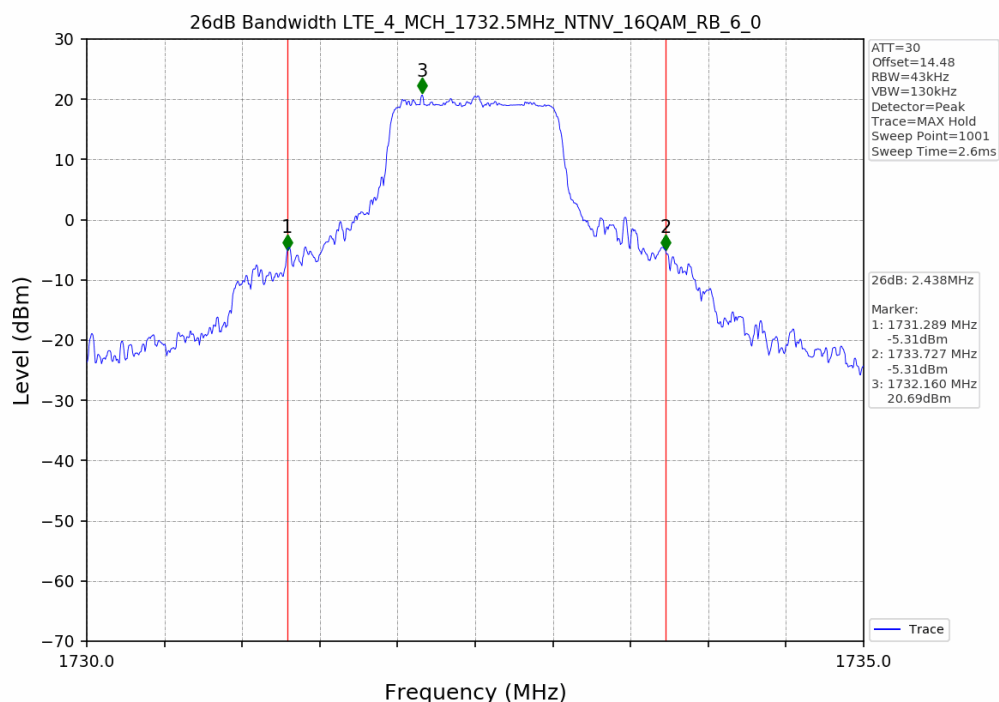
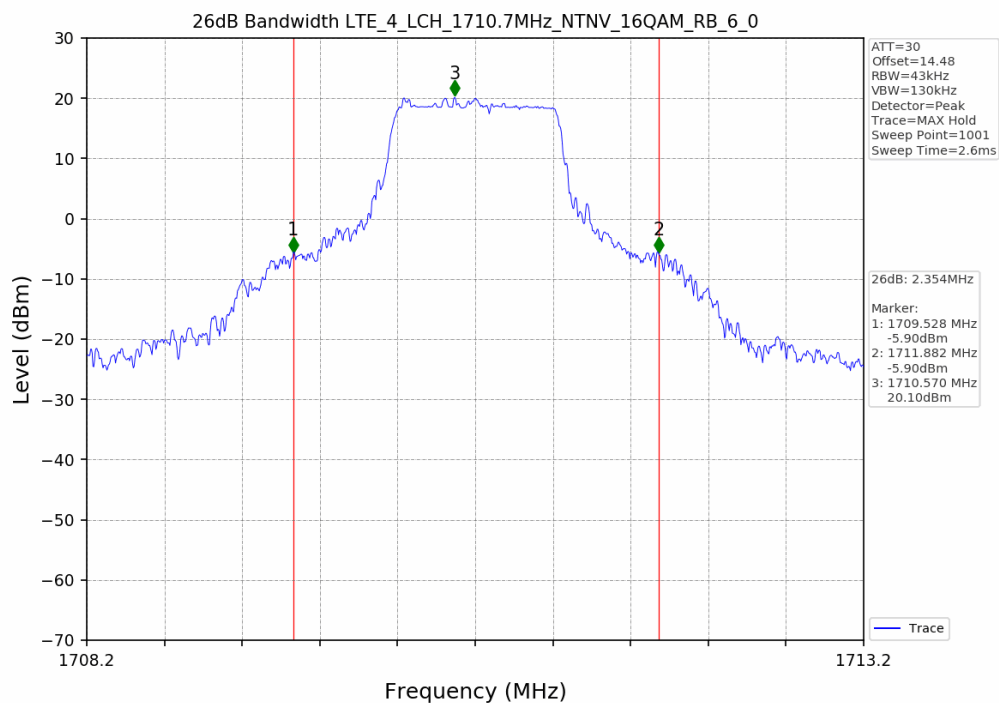


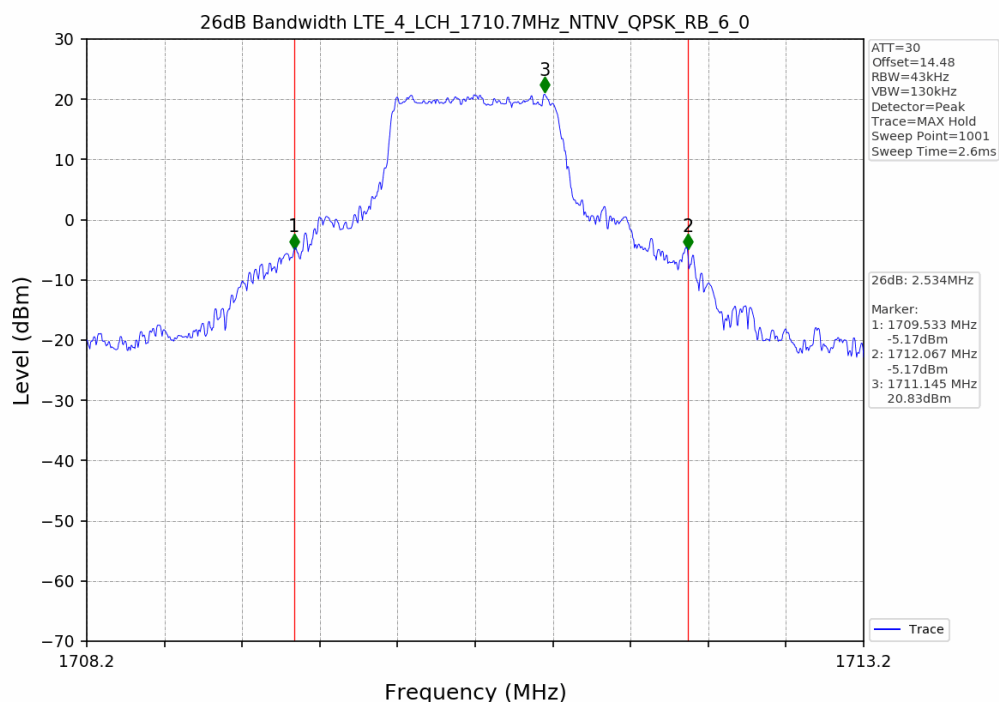
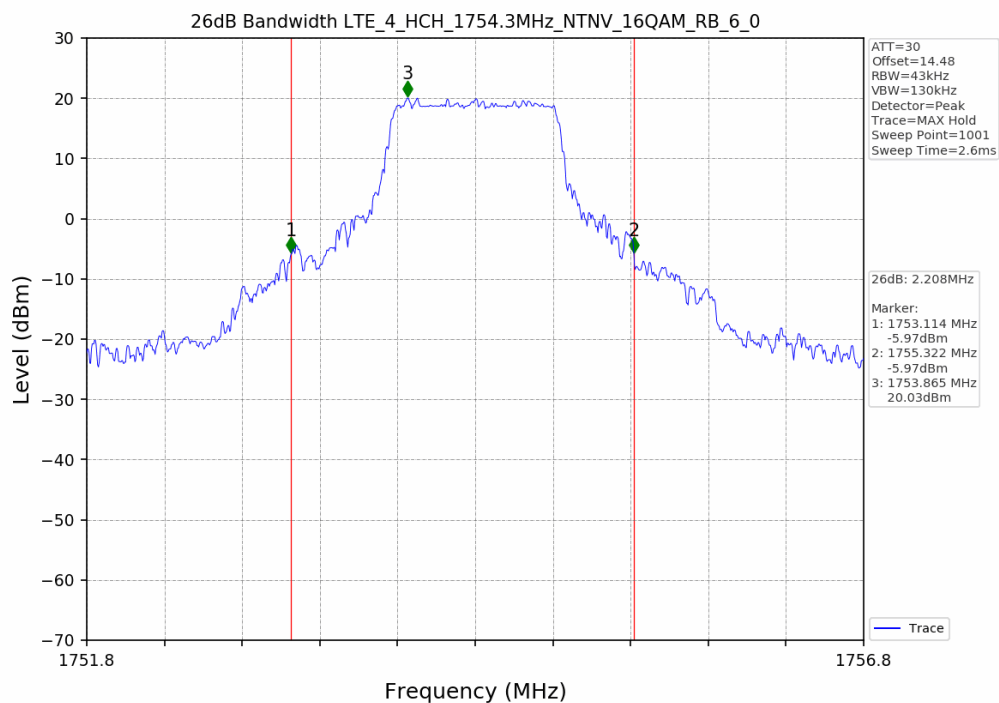


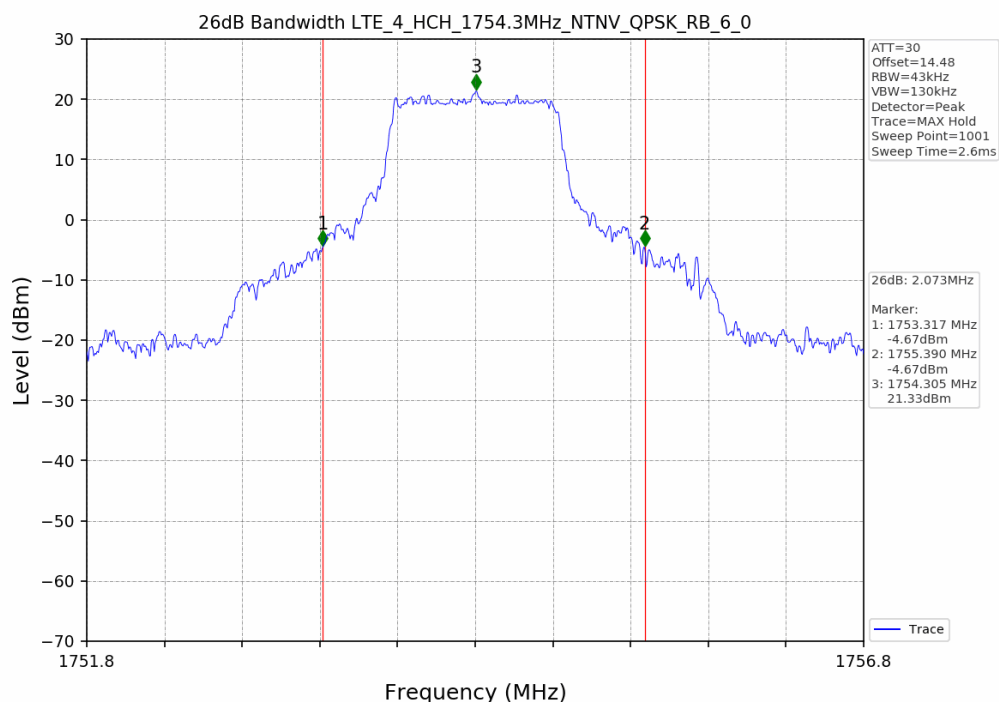
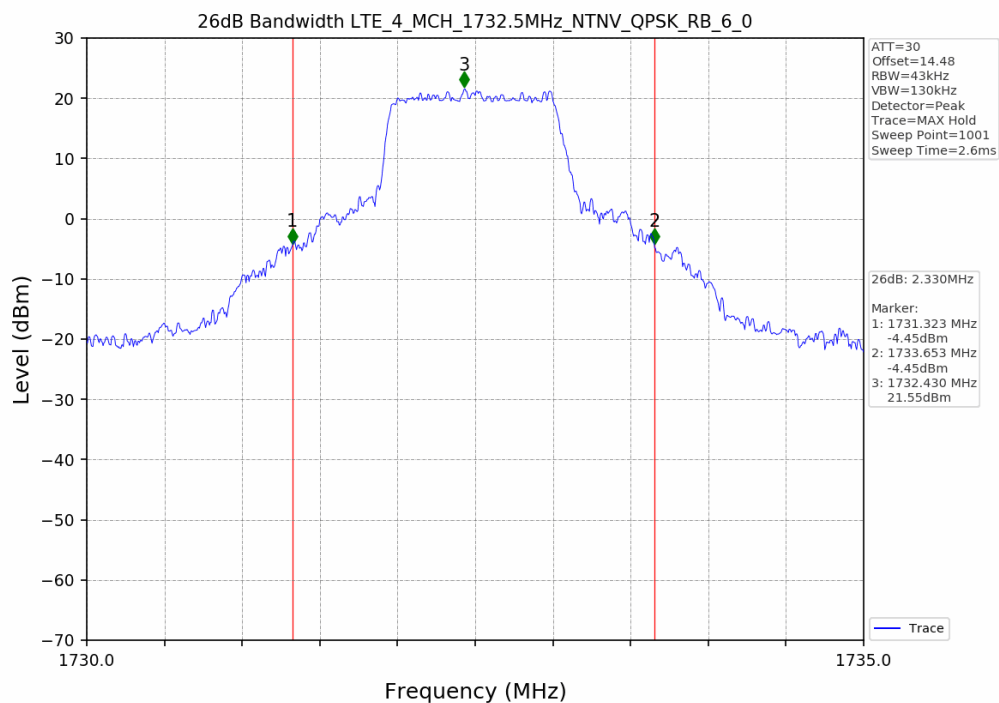


Test Band: 4_1.4MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	2.534	2.330	2.073	N/A	PASS
16QAM	6	0	2.354	2.438	2.208	N/A	PASS

3.2 Test Graph







Test Band: 4_3MHz Bandwidth

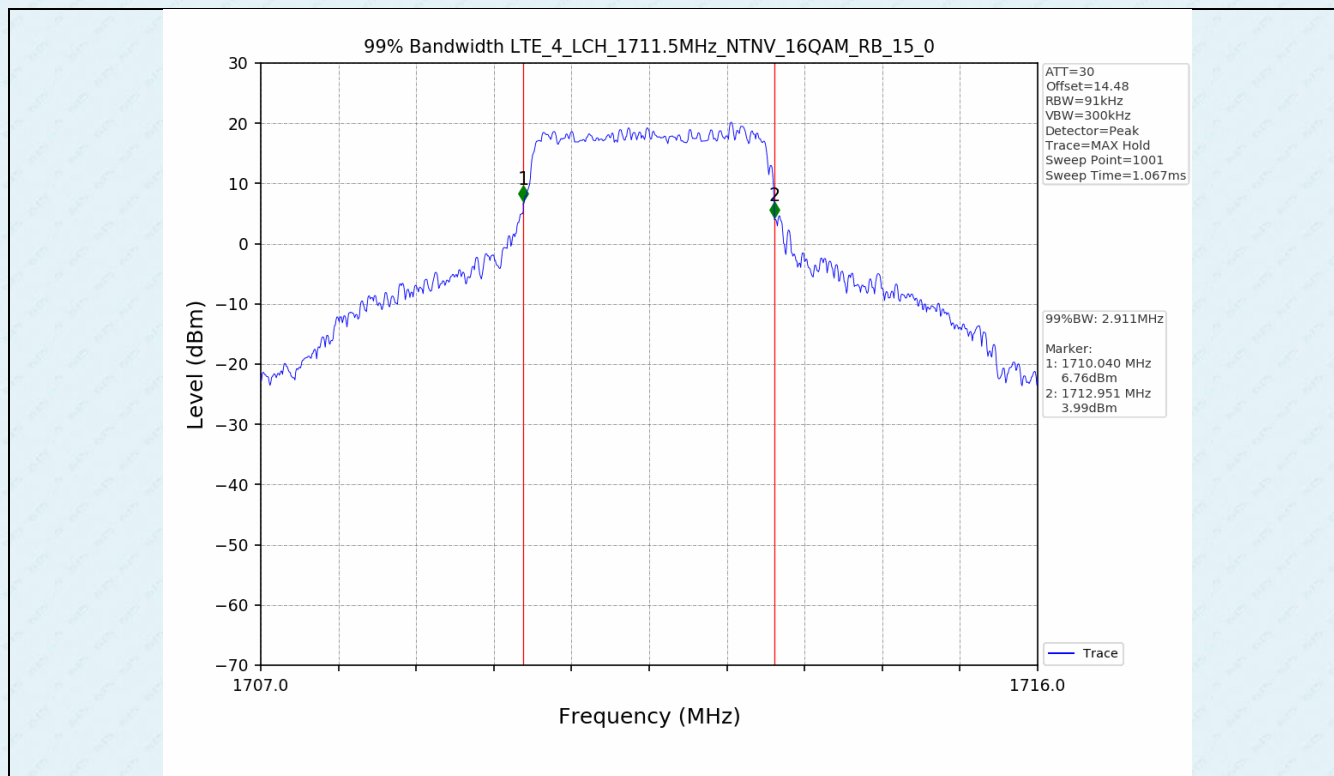
Global United Technology Services Co., Ltd.

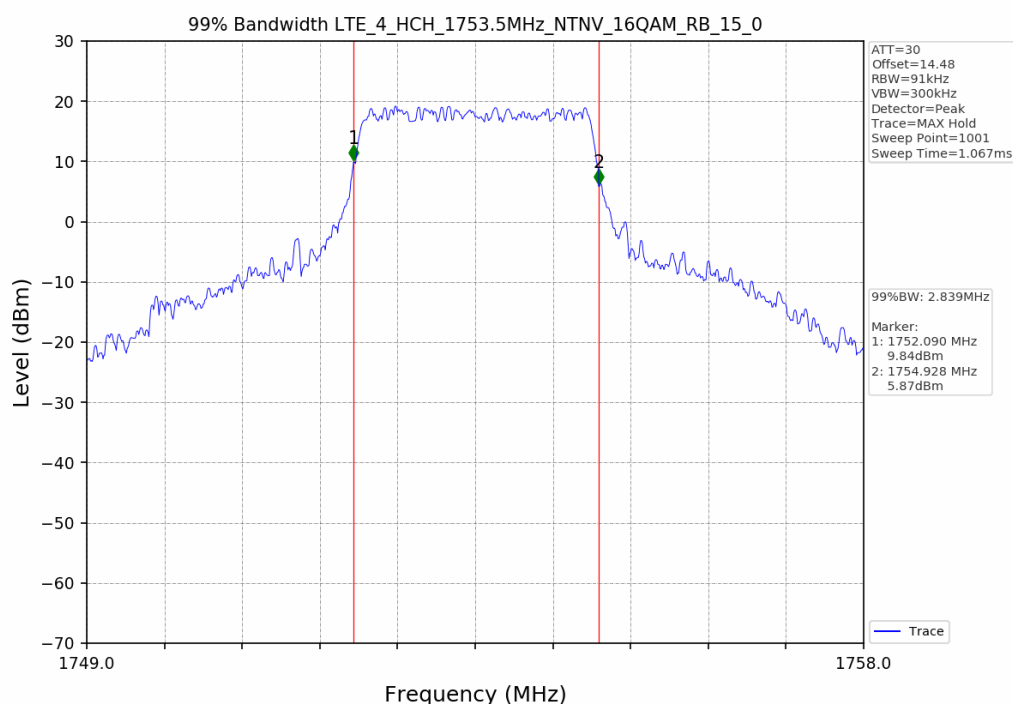
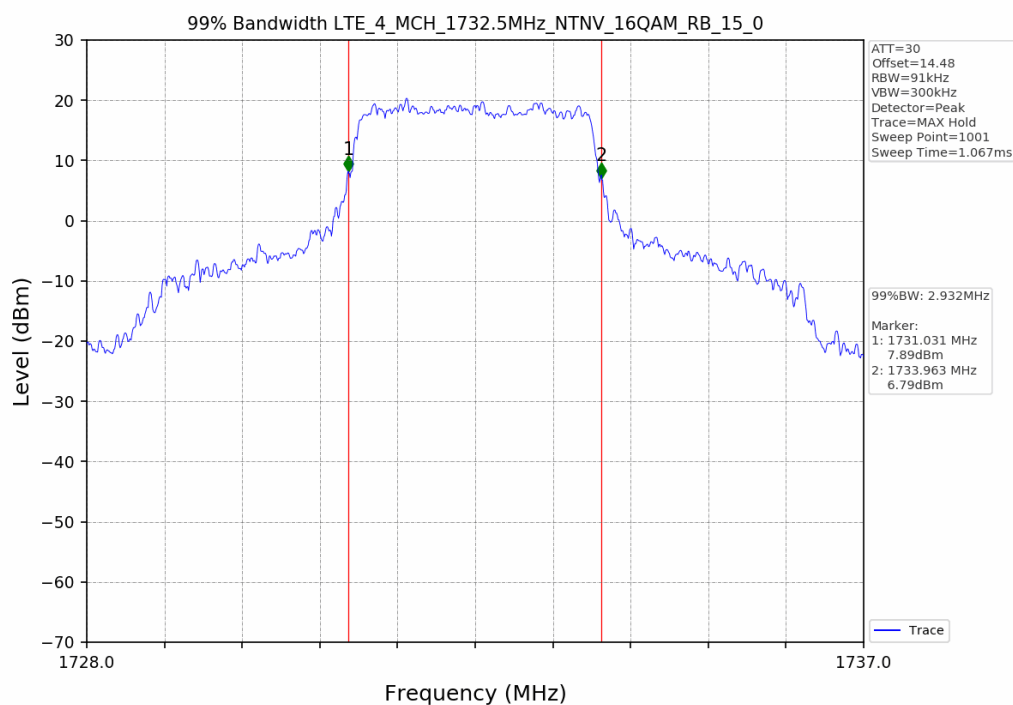
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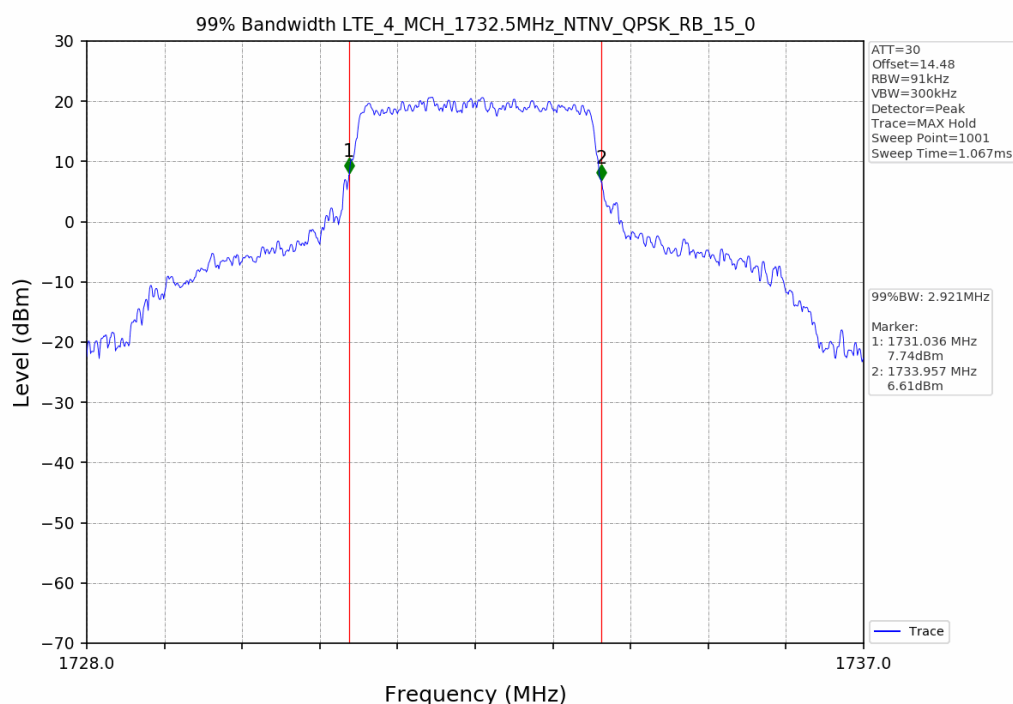
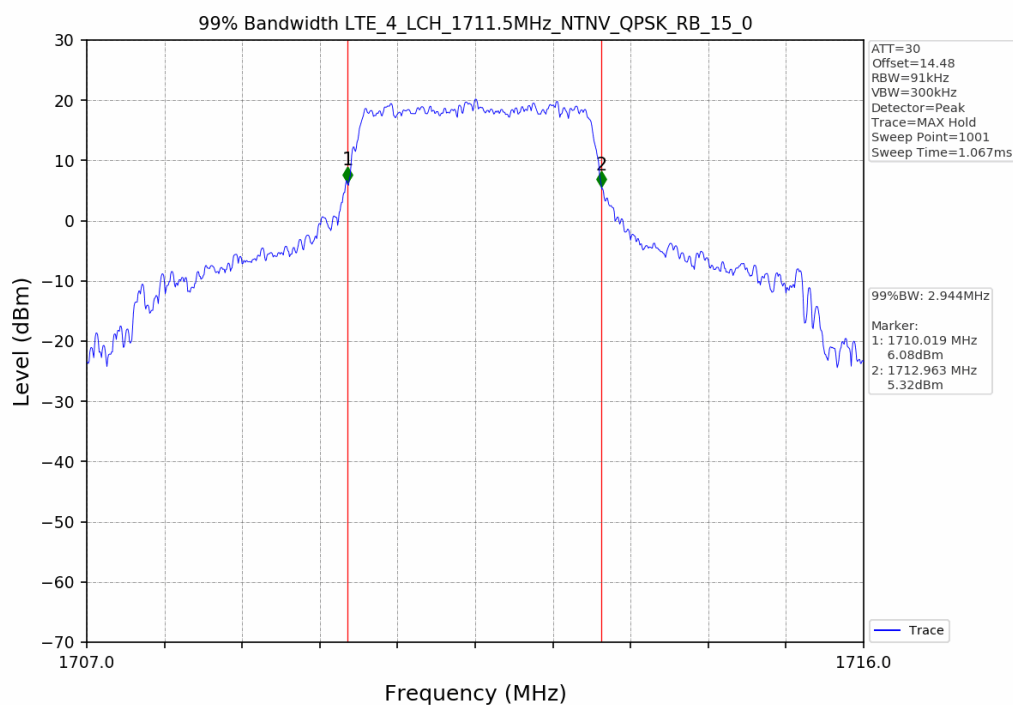
Telephone: +86 (0) 755 2779 8480 Fax: +86 (0) 755 27798960

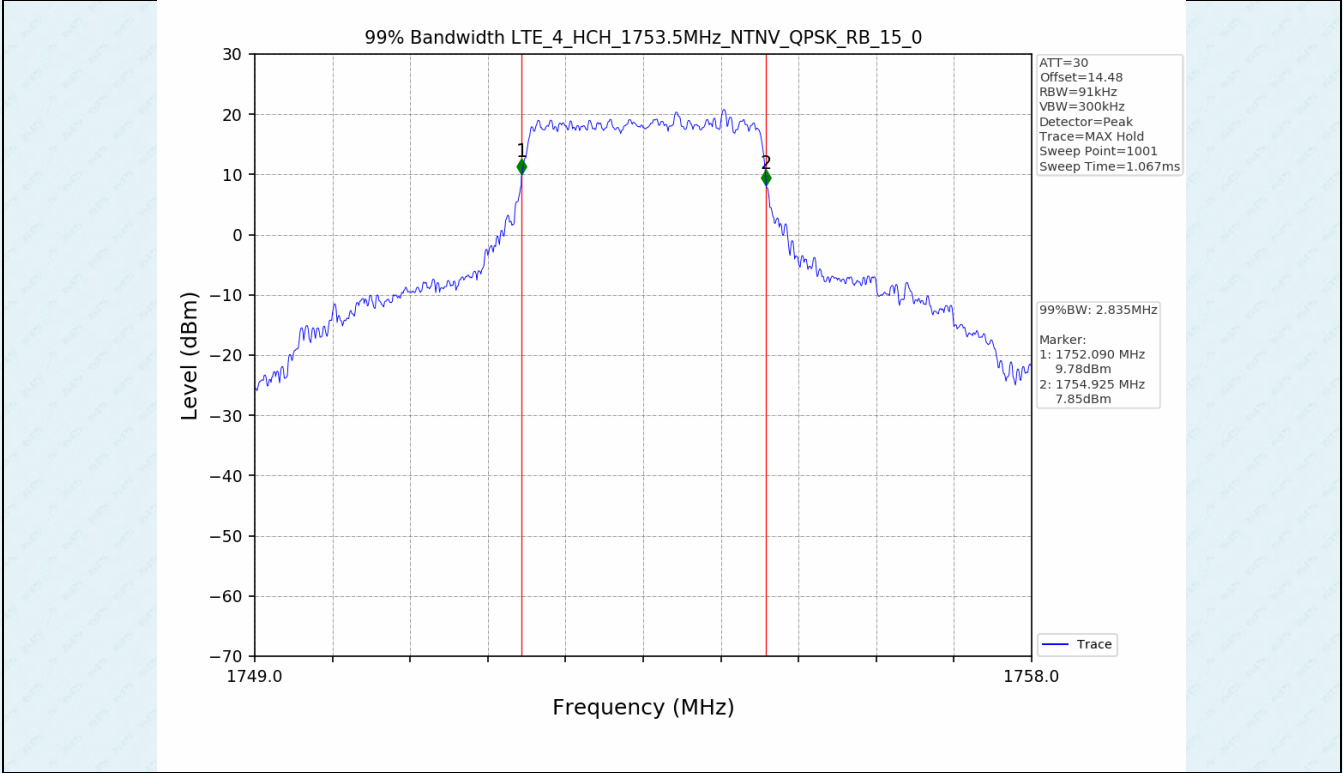
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	15	0	2.944	2.921	2.835	N/A	PASS
16QAM	15	0	2.911	2.932	2.839	N/A	PASS

3.2 Test Graph



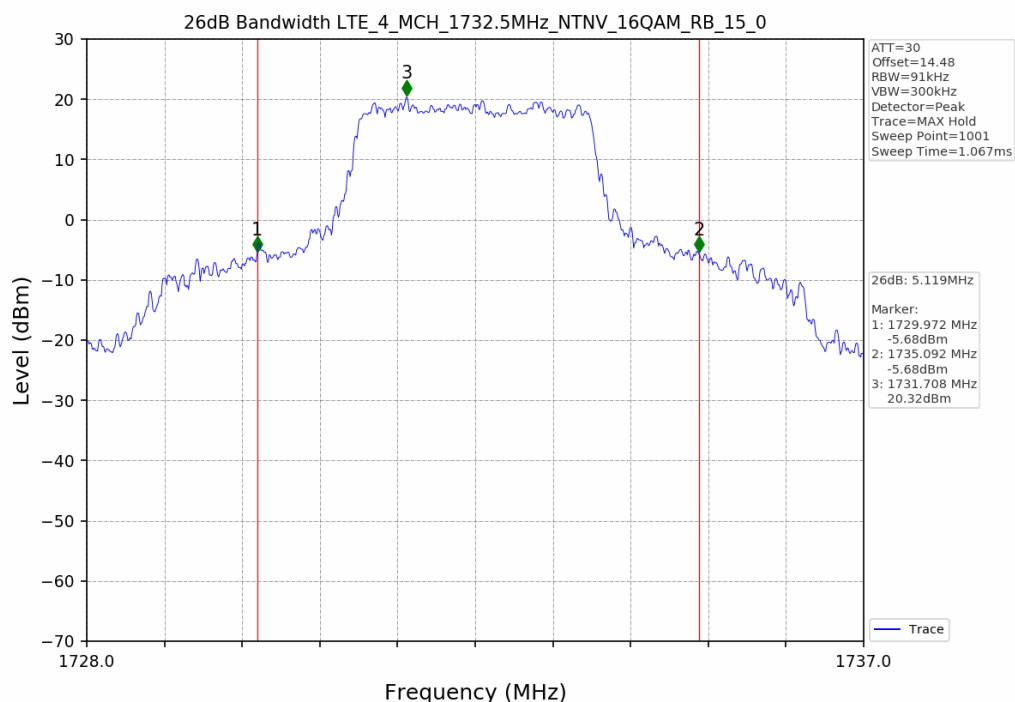
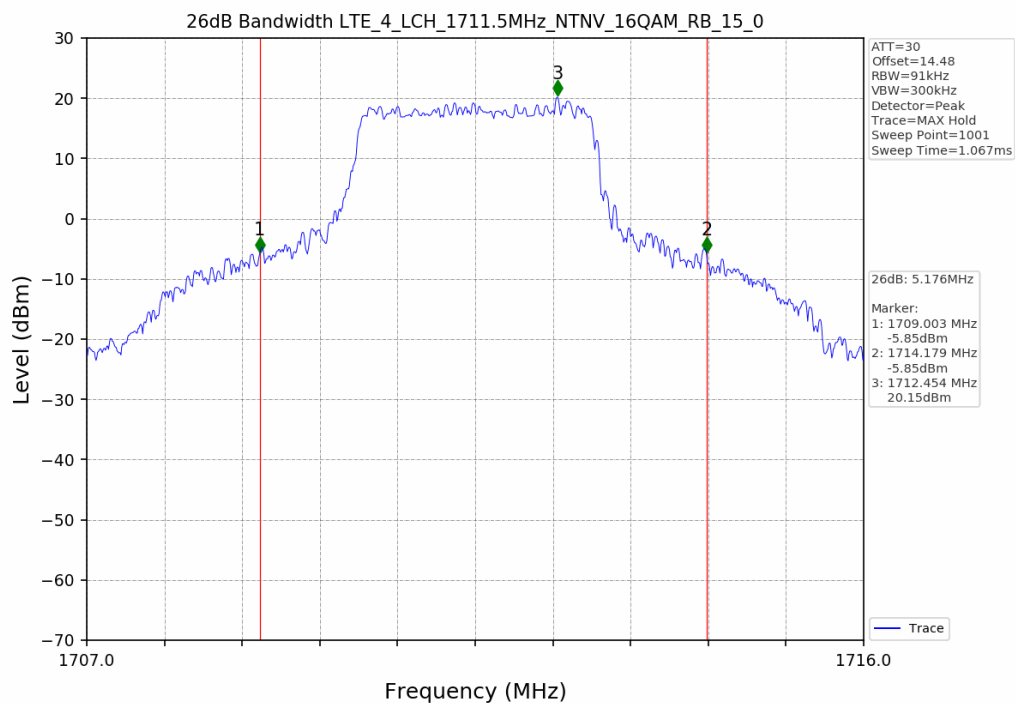


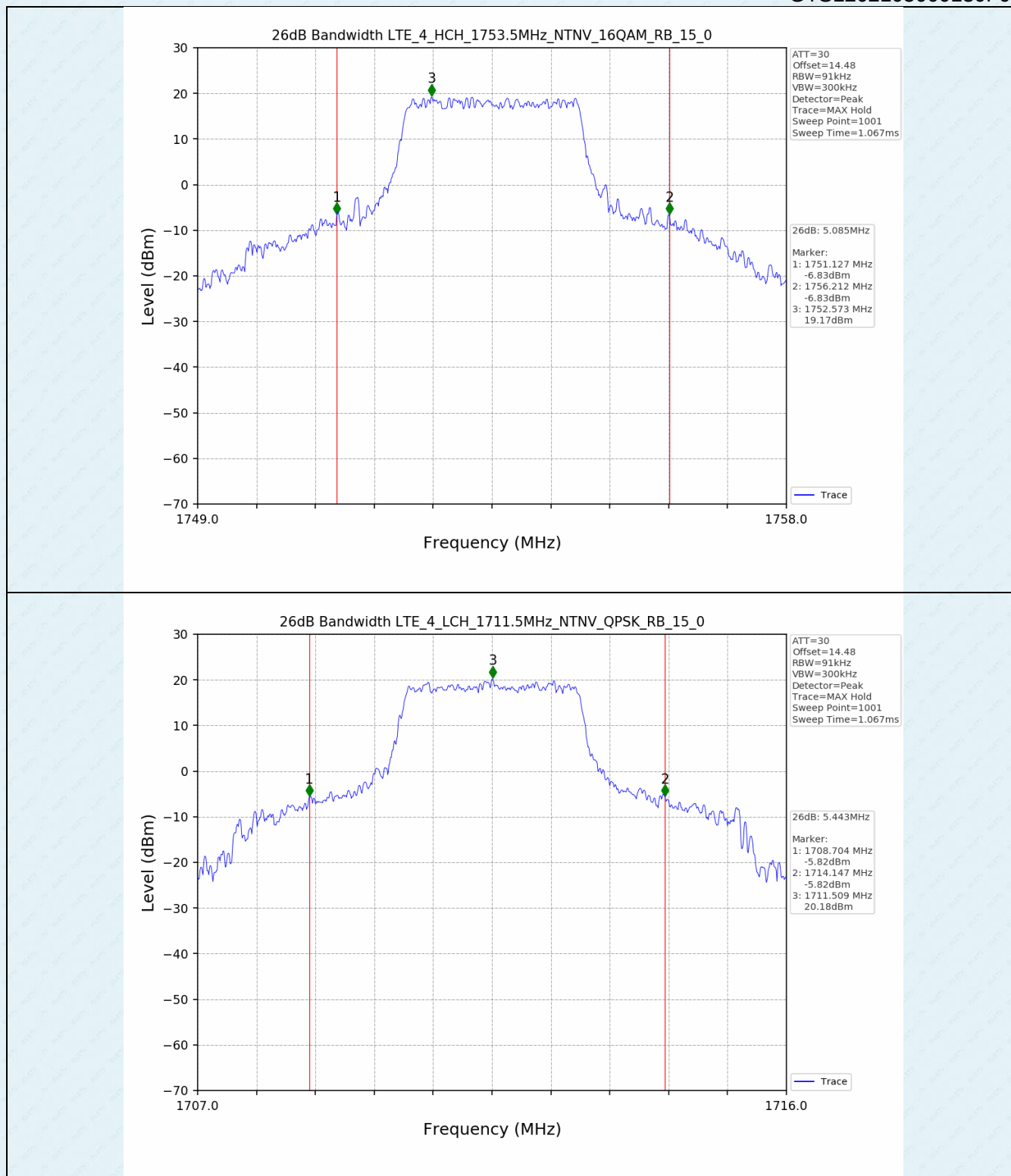


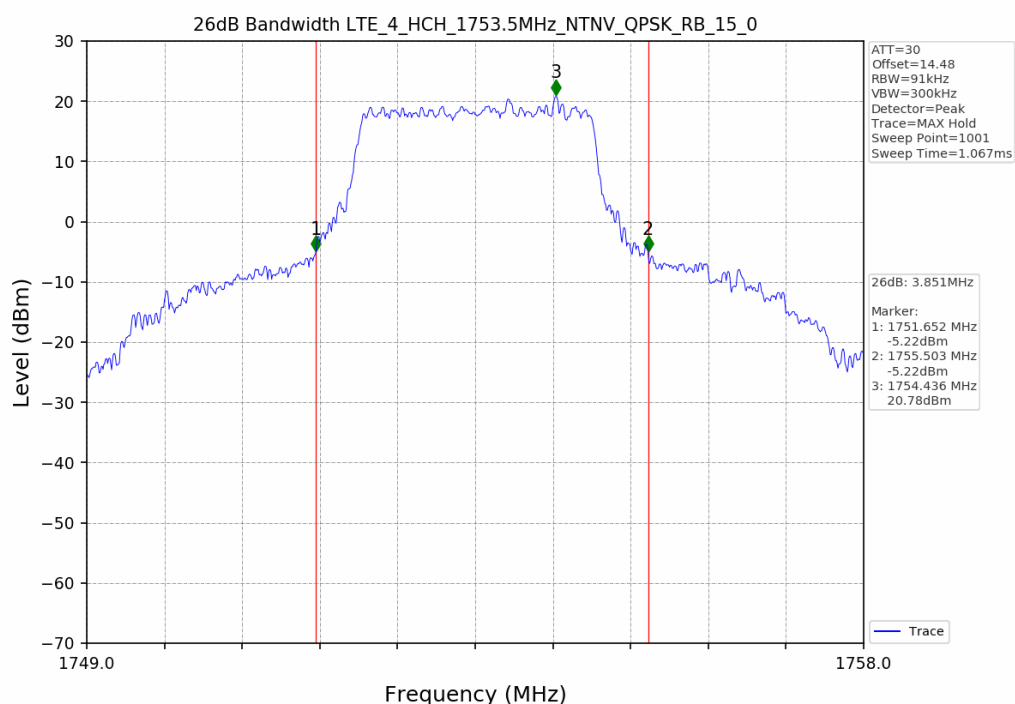
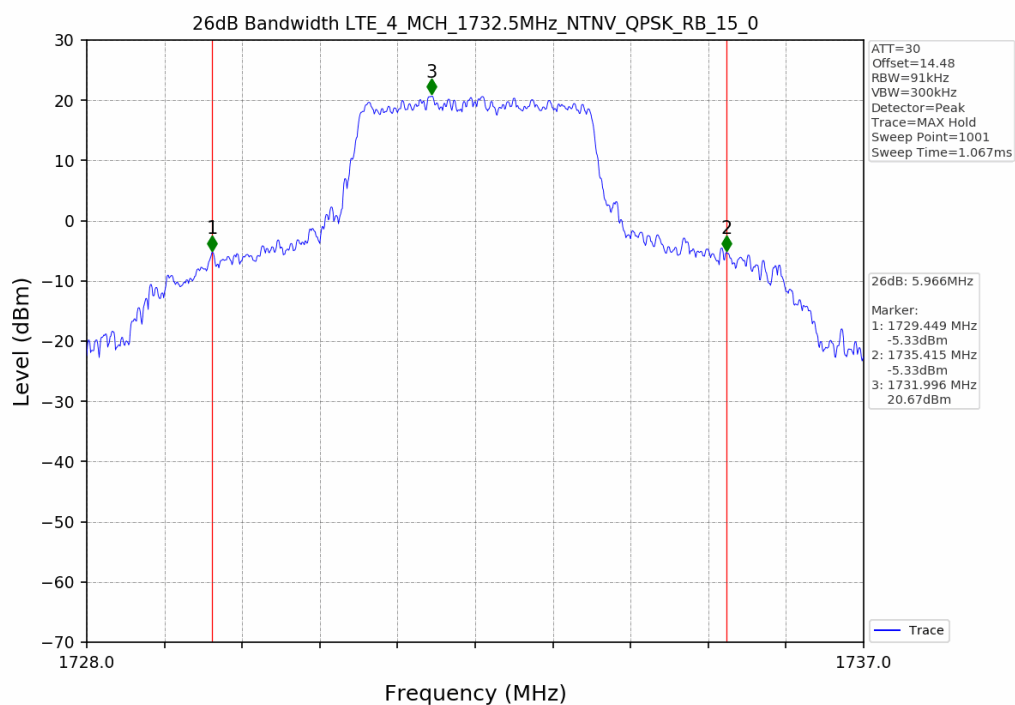


Test Band: 4 3MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	15	0	5.443	5.966	3.851	N/A	PASS
16QAM	15	0	5.176	5.119	5.085	N/A	PASS

3.2 Test Graph







Test Band: 4 _5MHz Bandwidth

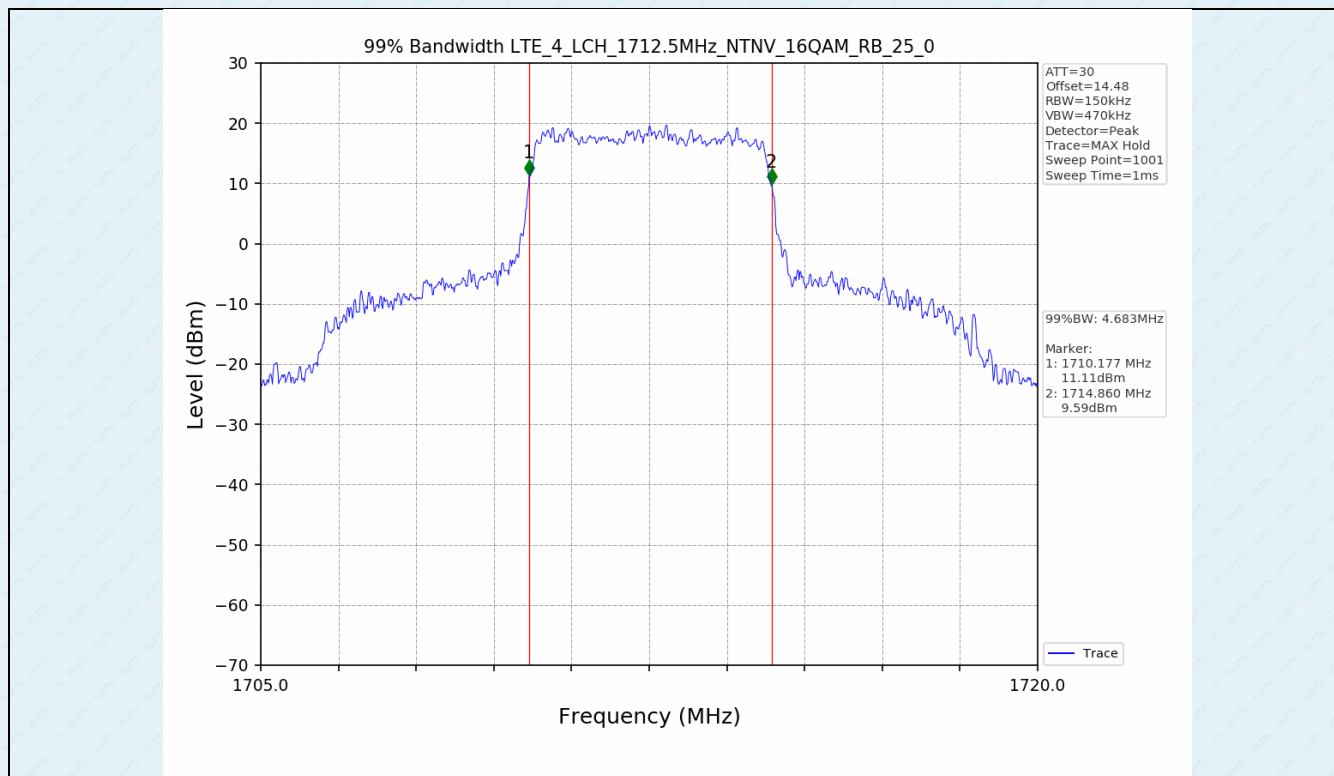
Global United Technology ServicesCo., Ltd.

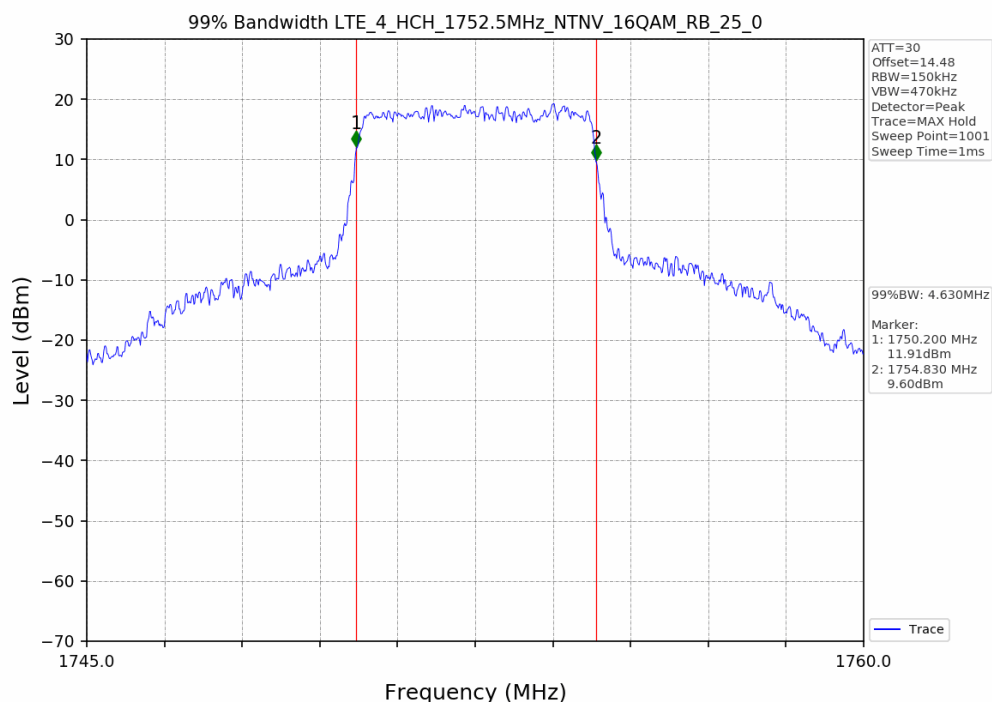
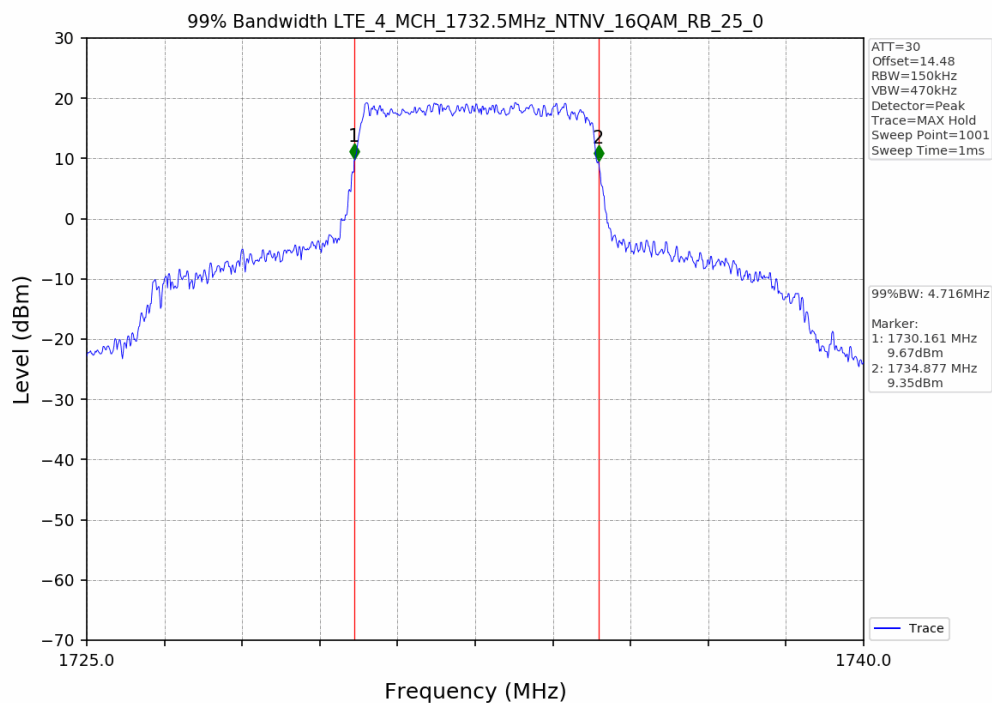
No. 123-128, Tower A,Jinyuan BusinessBuilding, No.2, Laodong Industrial Zone,
Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102

Telephone: +86 (0) 755 2779 8480 Fax: +86 (0) 755 27798960

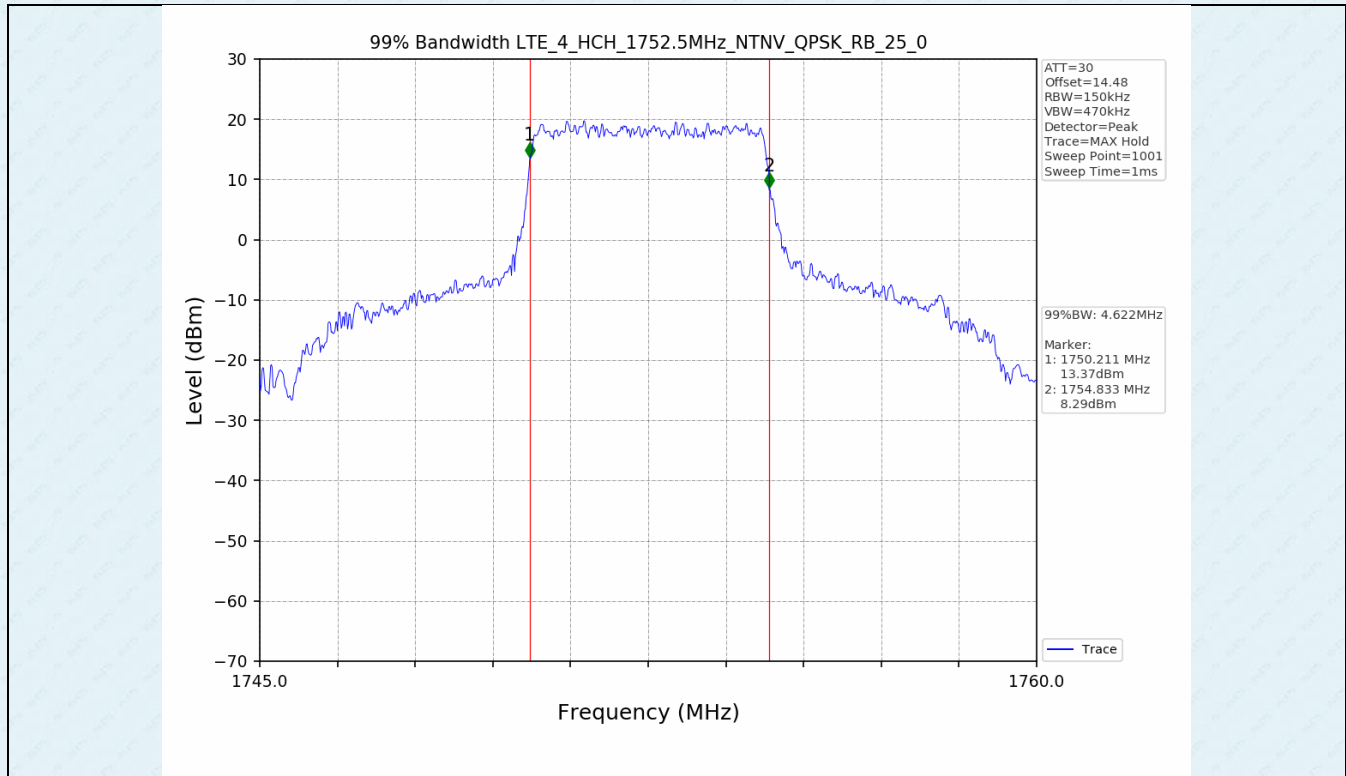
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	4.681	4.726	4.622	N/A	PASS
16QAM	25	0	4.683	4.716	4.630	N/A	PASS

3.2 Test Graph



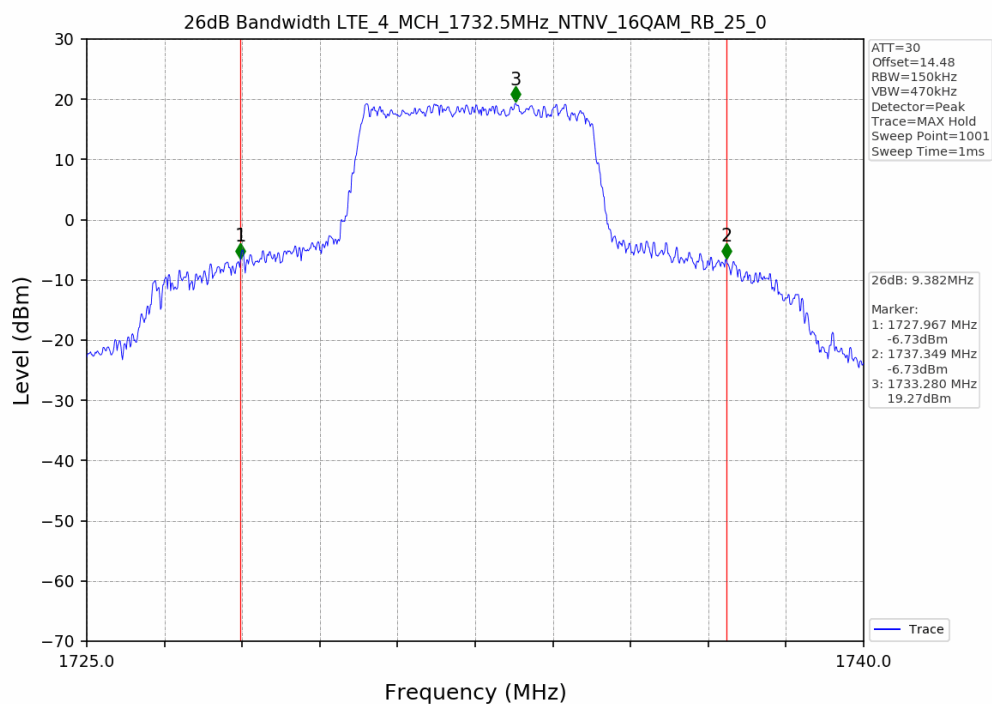
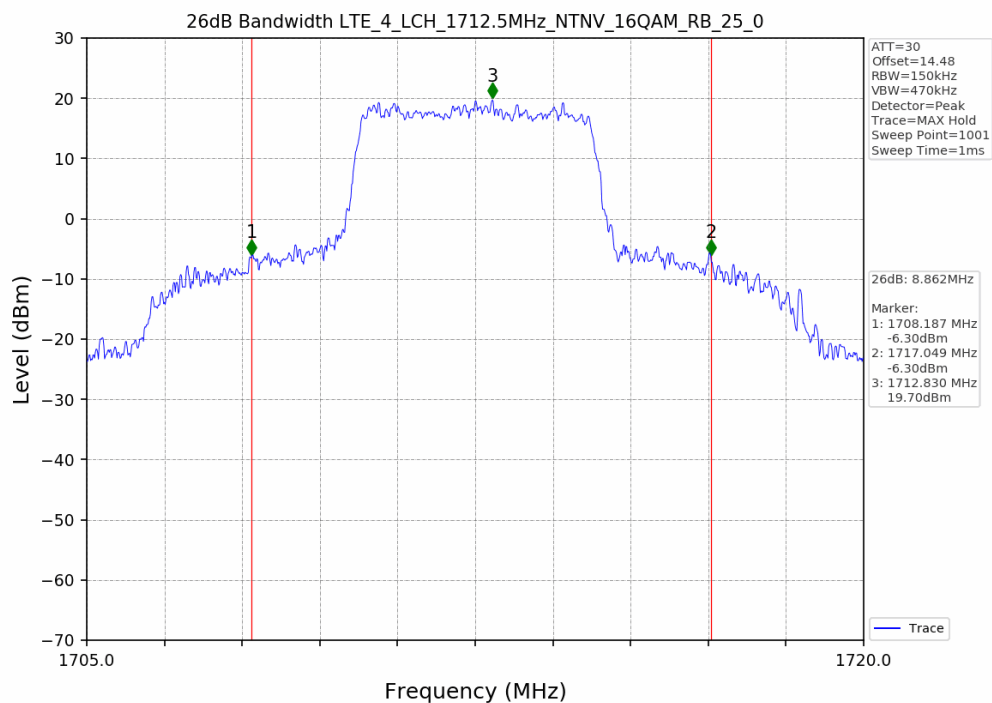


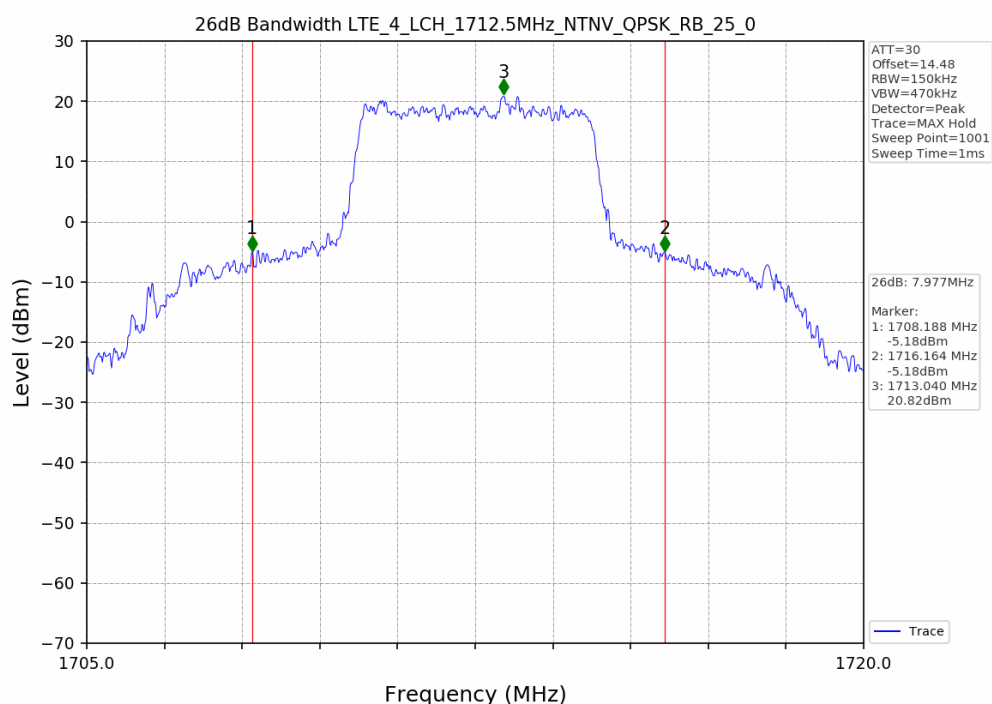
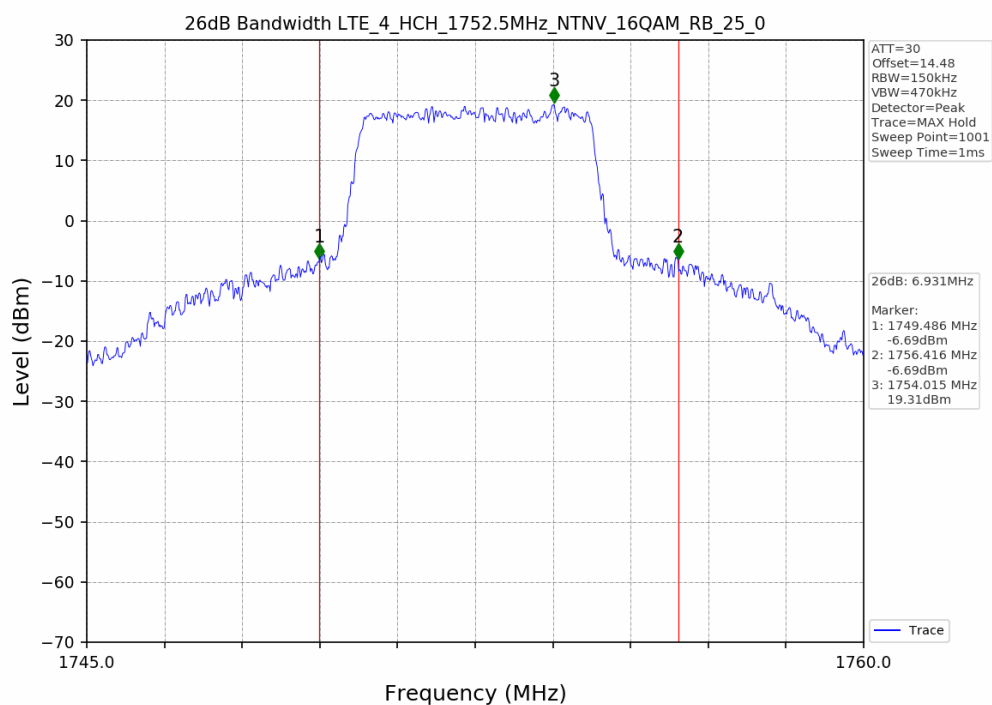


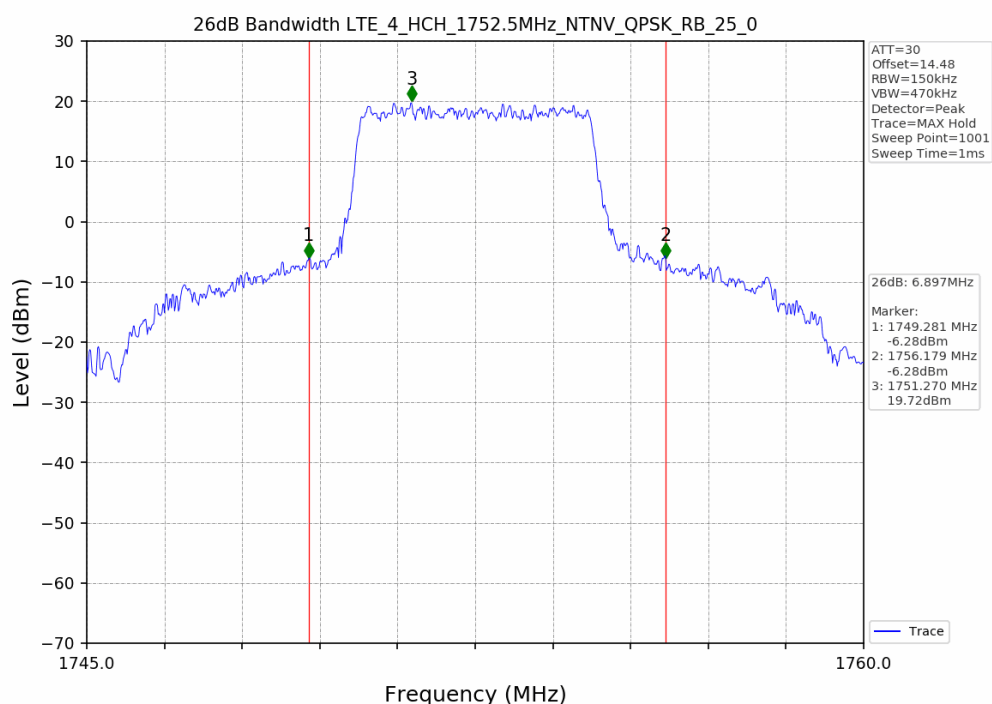
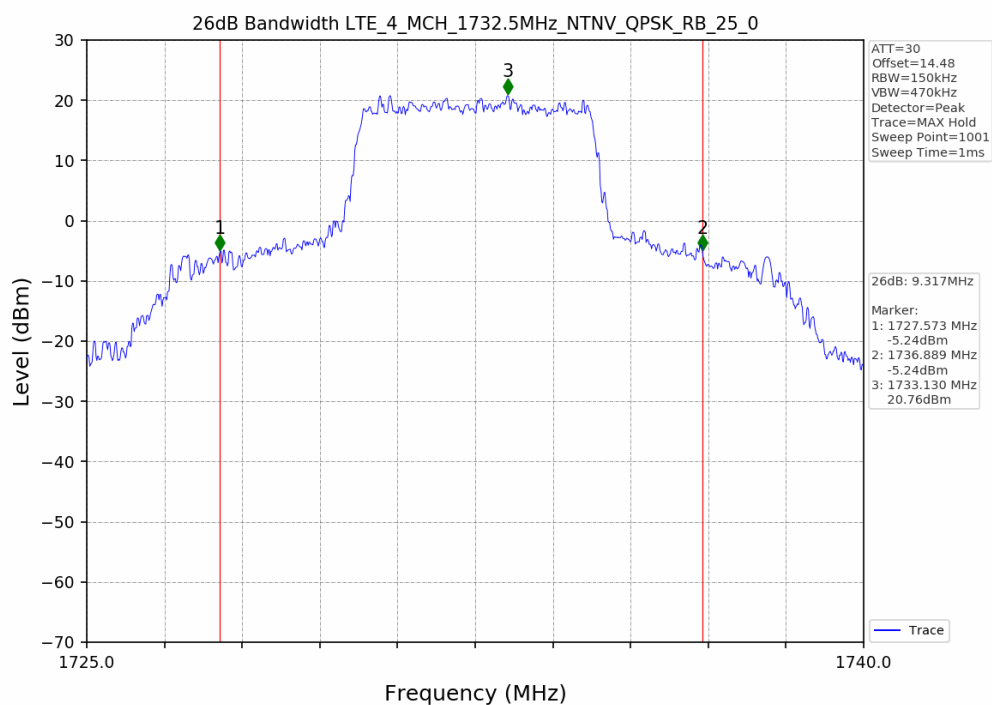


Test Band: 4 5MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	7.977	9.317	6.897	N/A	PASS
16QAM	25	0	8.862	9.382	6.931	N/A	PASS

3.2 Test Graph







Test Band: 4_10MHz Bandwidth

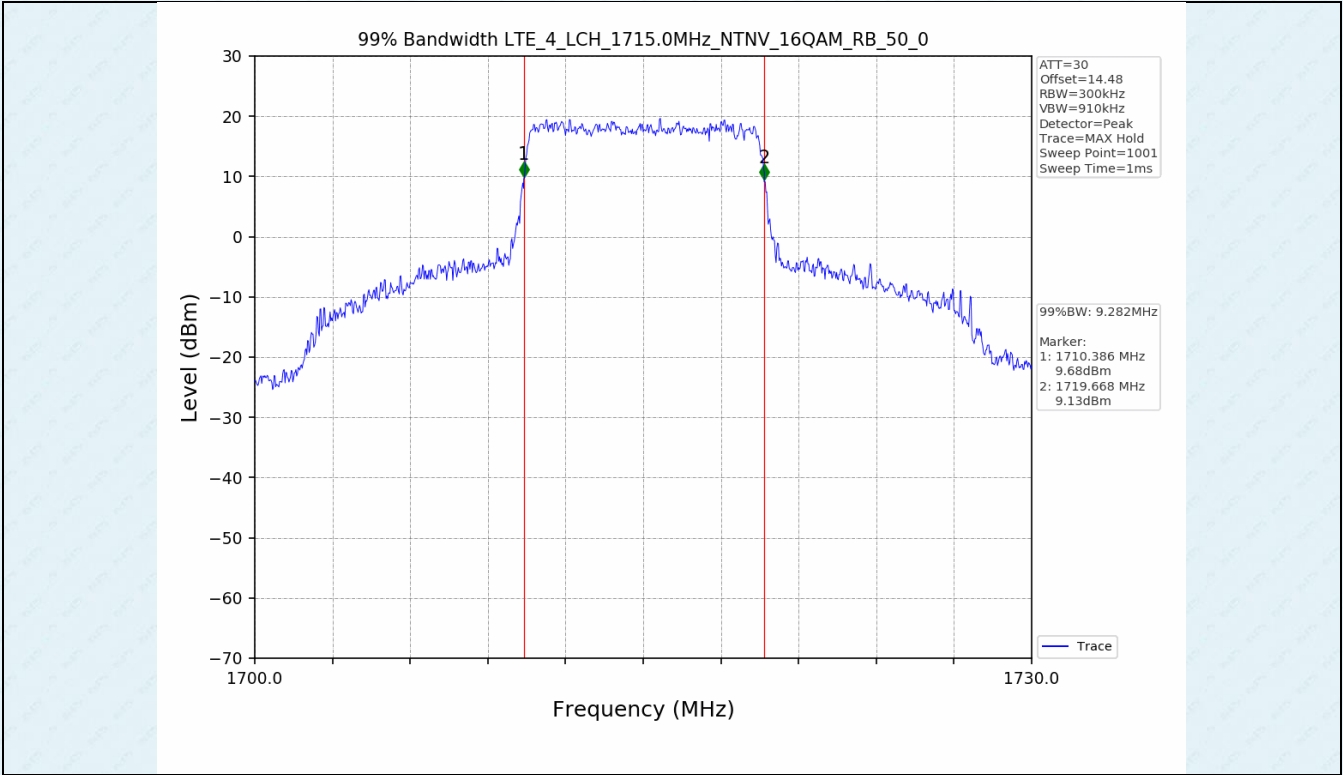
Global United Technology Services Co., Ltd.

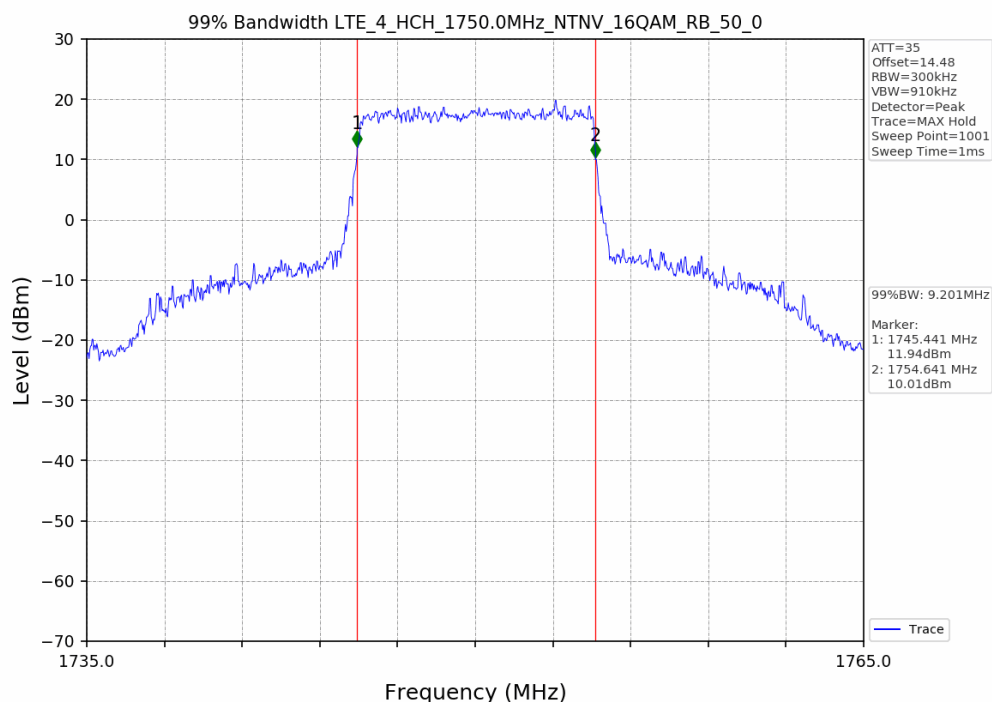
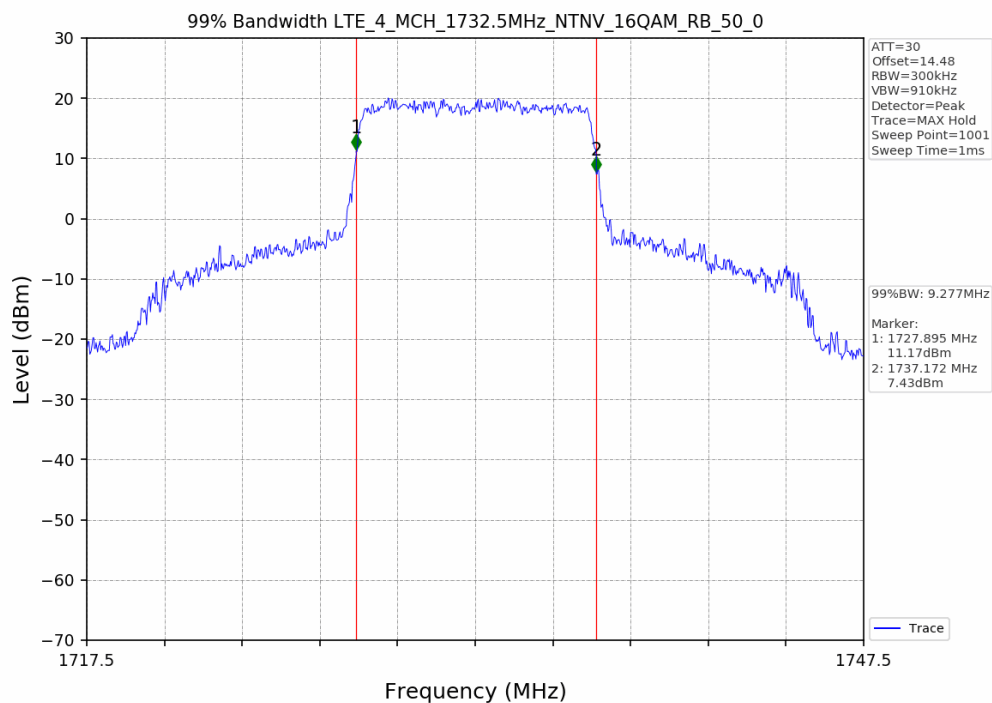
No. 123-128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone,
Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102

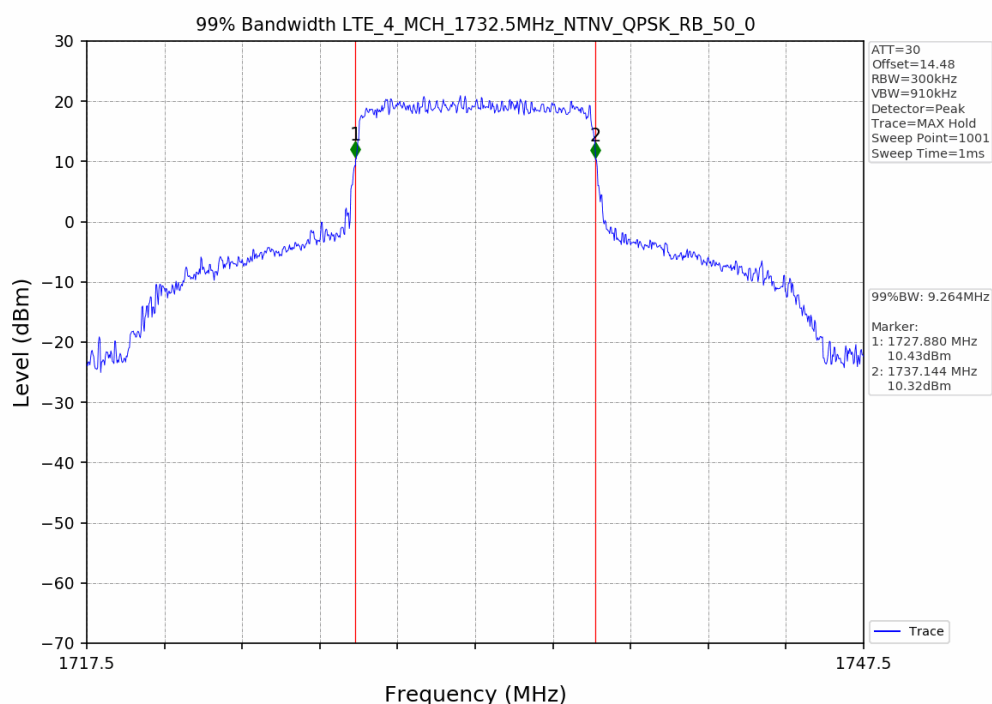
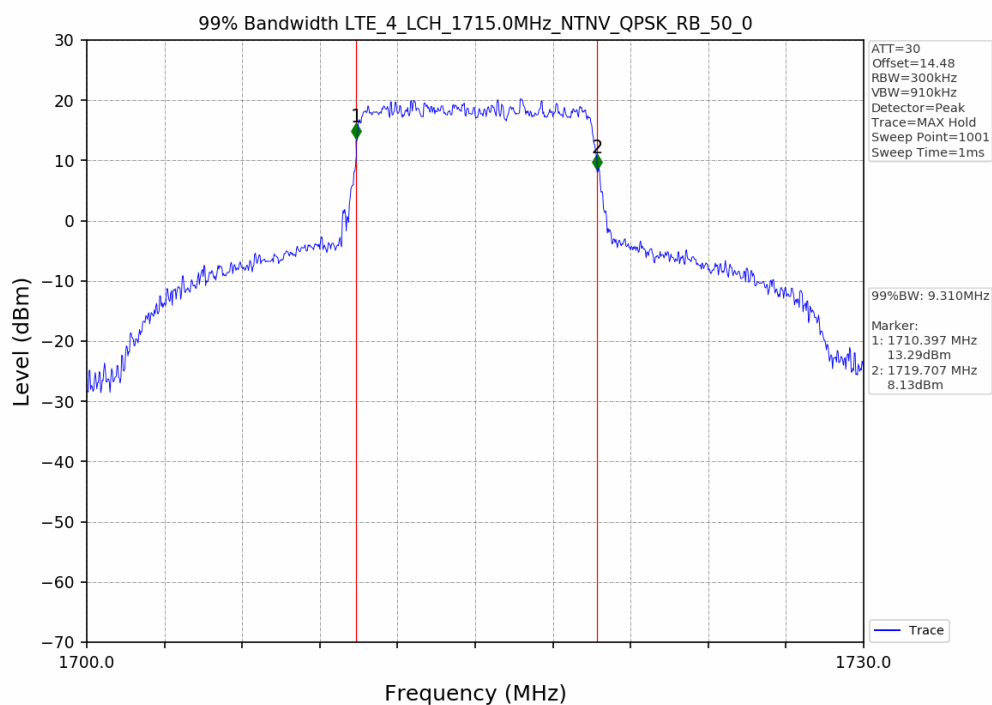
Telephone: +86 (0) 755 2779 8480 Fax: +86 (0) 755 27798960

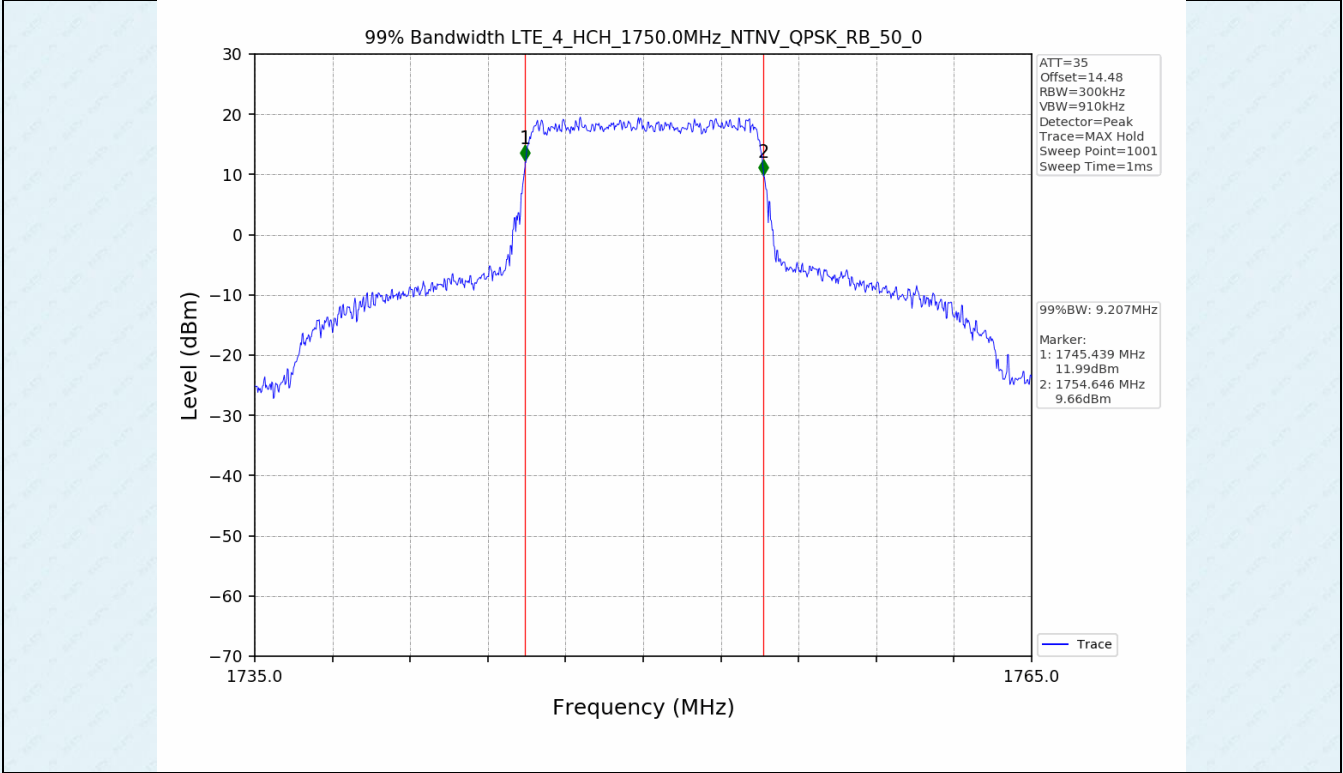
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	9.310	9.264	9.207	N/A	PASS
16QAM	50	0	9.282	9.277	9.201	N/A	PASS

3.2 Test Graph



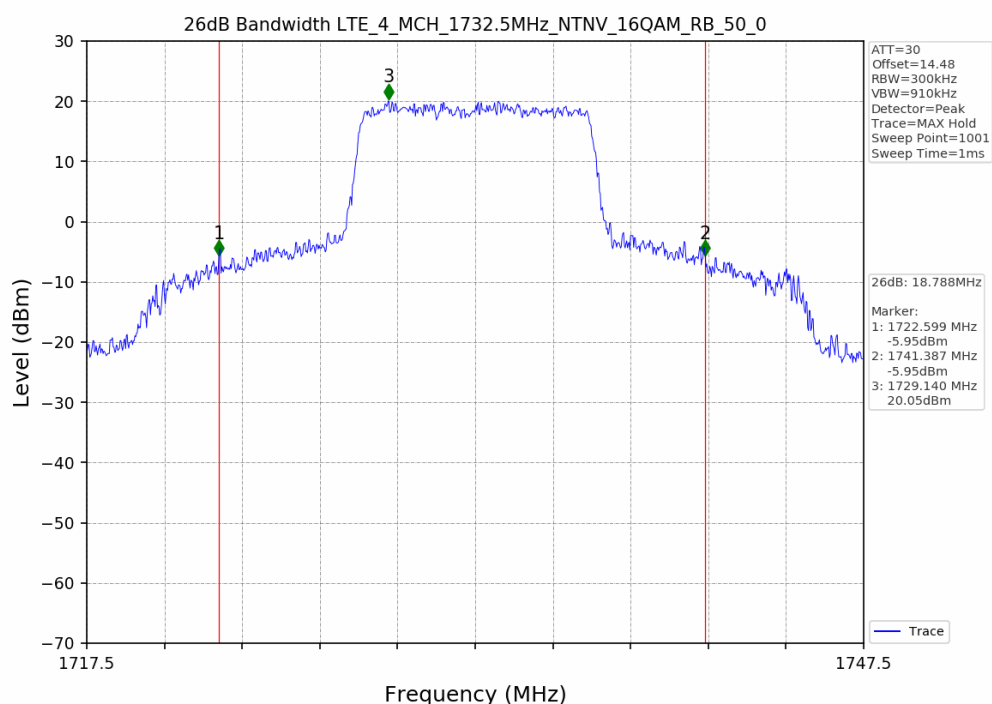
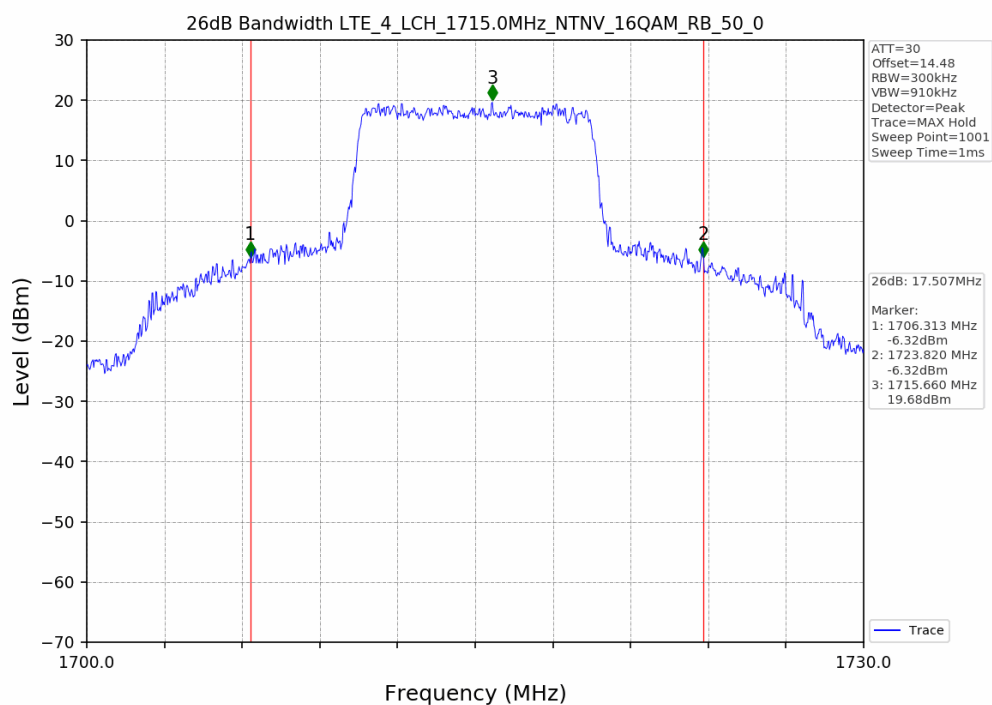


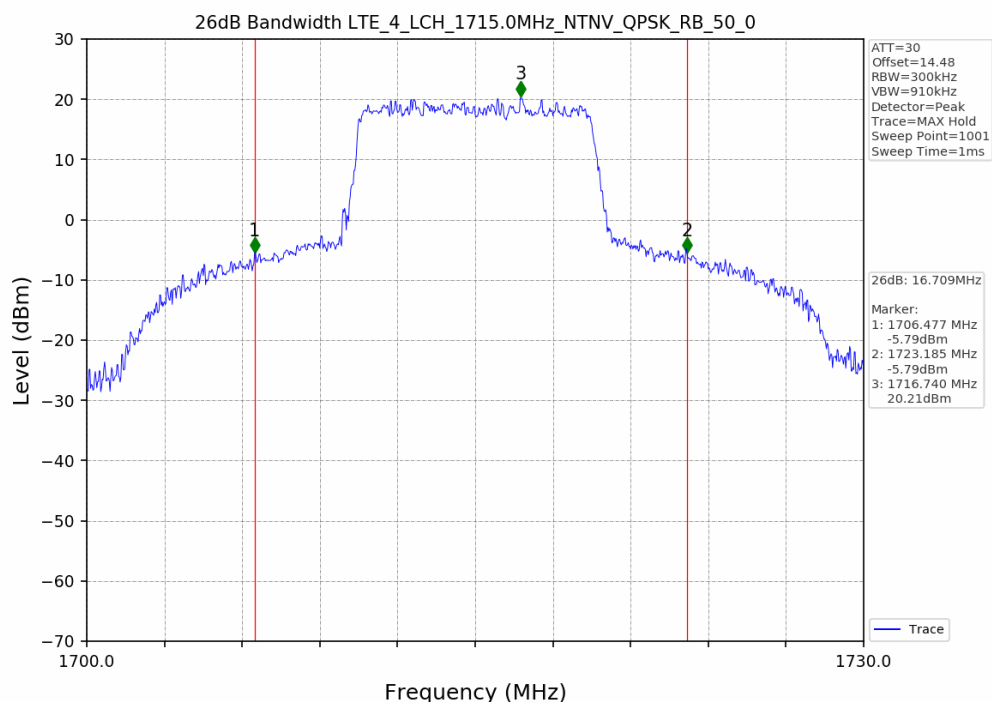
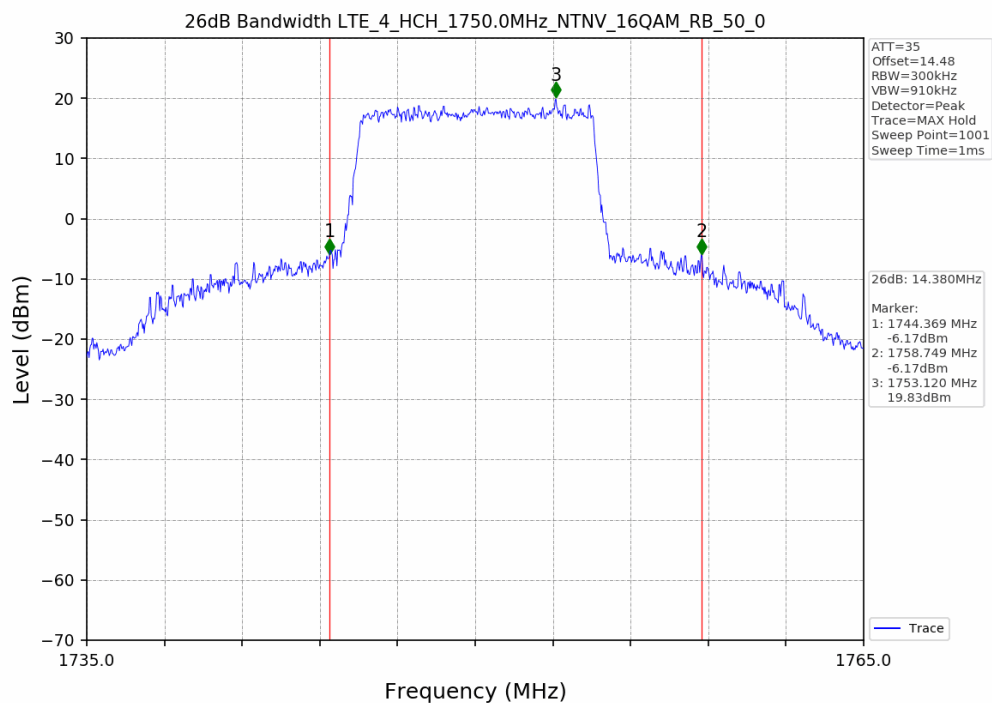


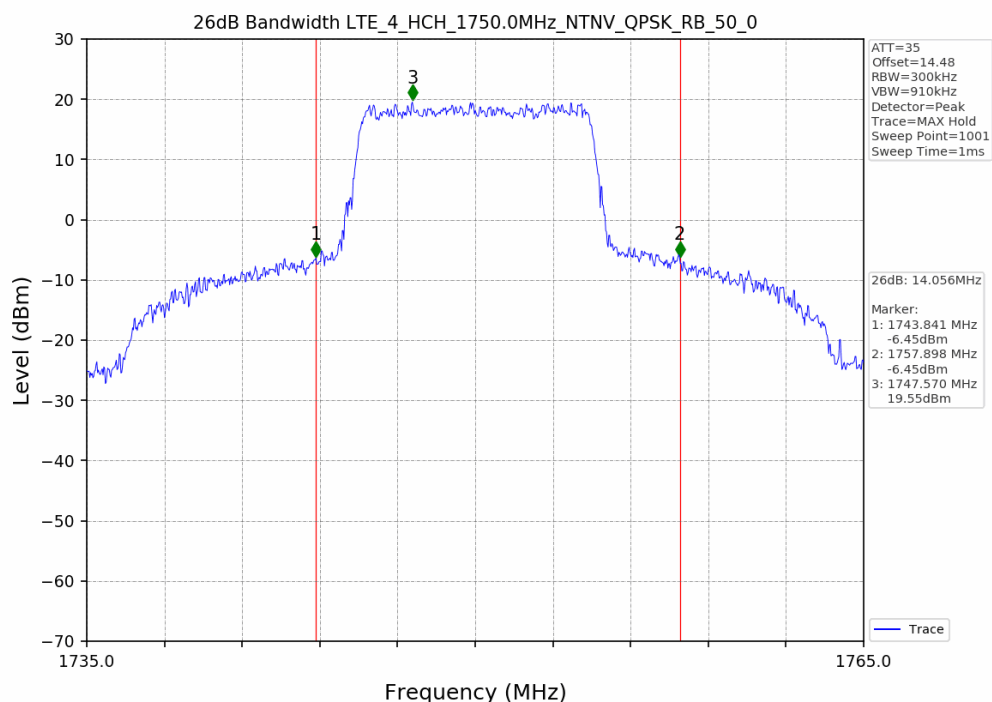
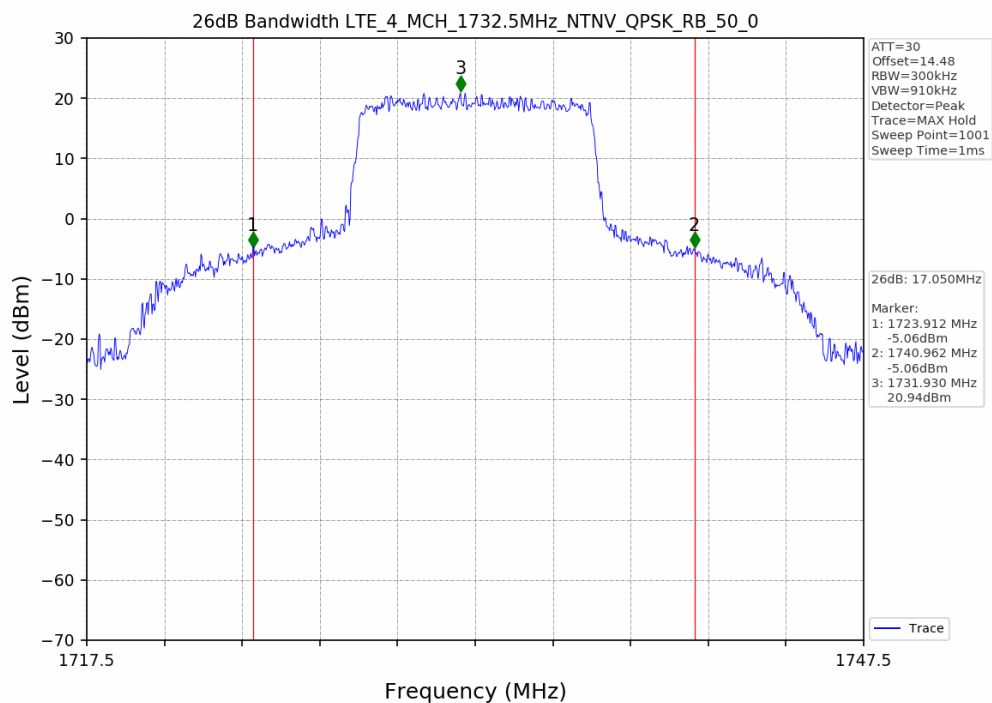


Test Band: 4_10MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	16.709	17.050	14.056	N/A	PASS
16QAM	50	0	17.507	18.788	14.380	N/A	PASS

3.2 Test Graph







Test Band: 4_15MHz Bandwidth

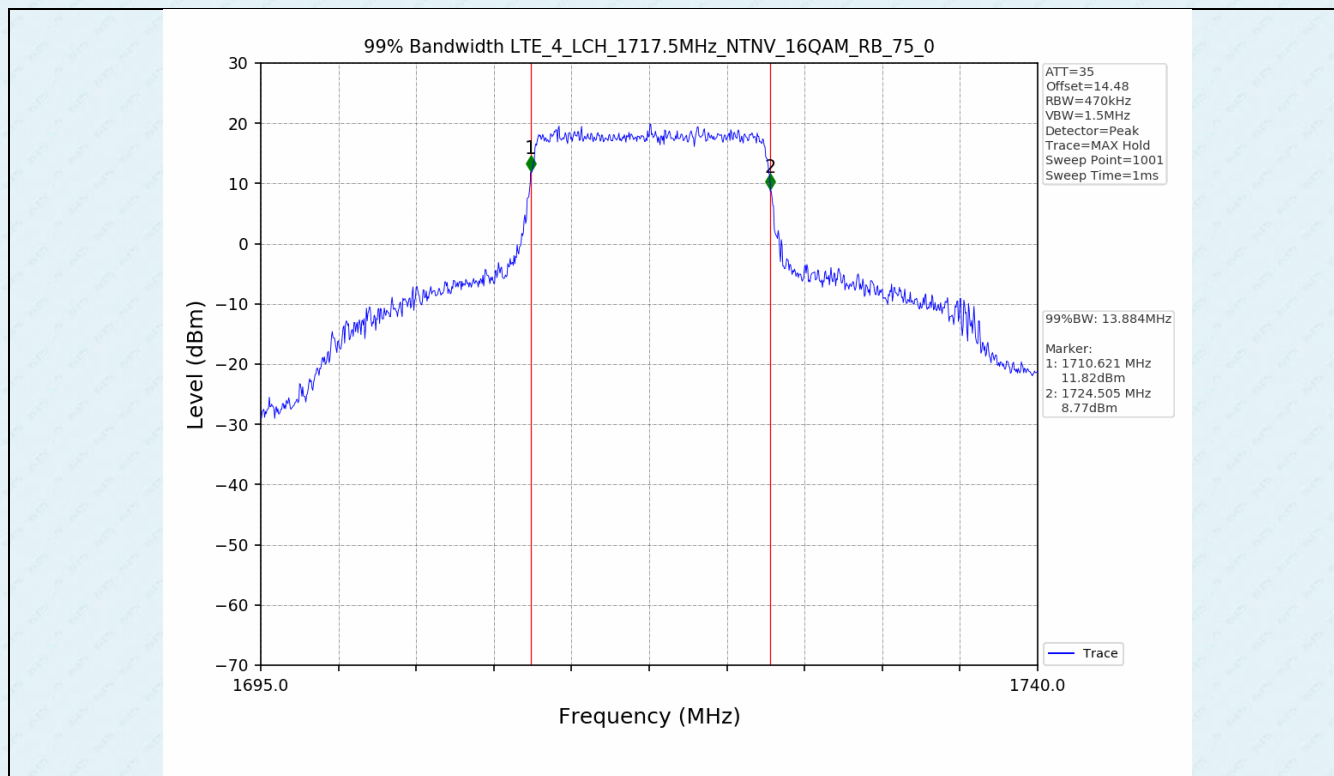
Global United Technology ServicesCo., Ltd.

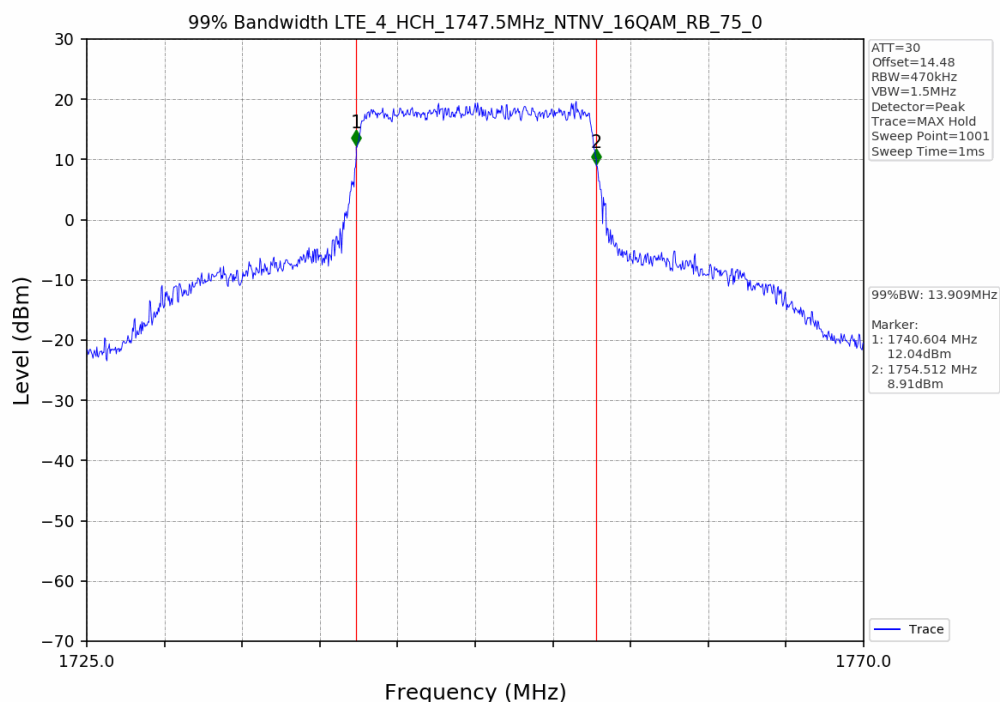
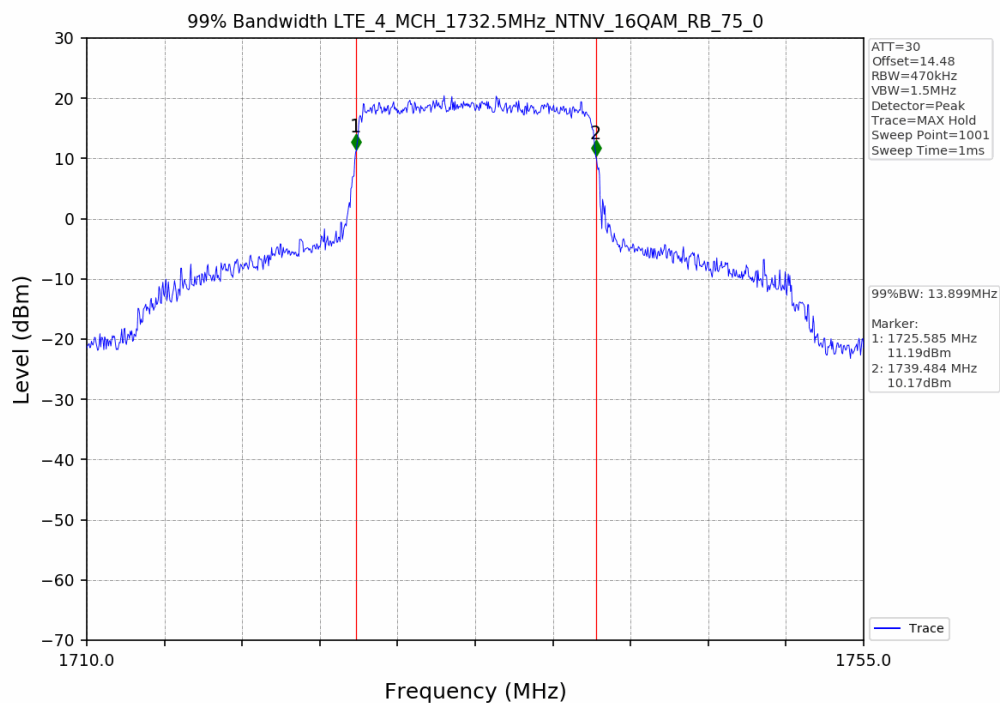
No. 123-128, Tower A,Jinyuan BusinessBuilding, No.2, Laodong Industrial Zone,
Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102

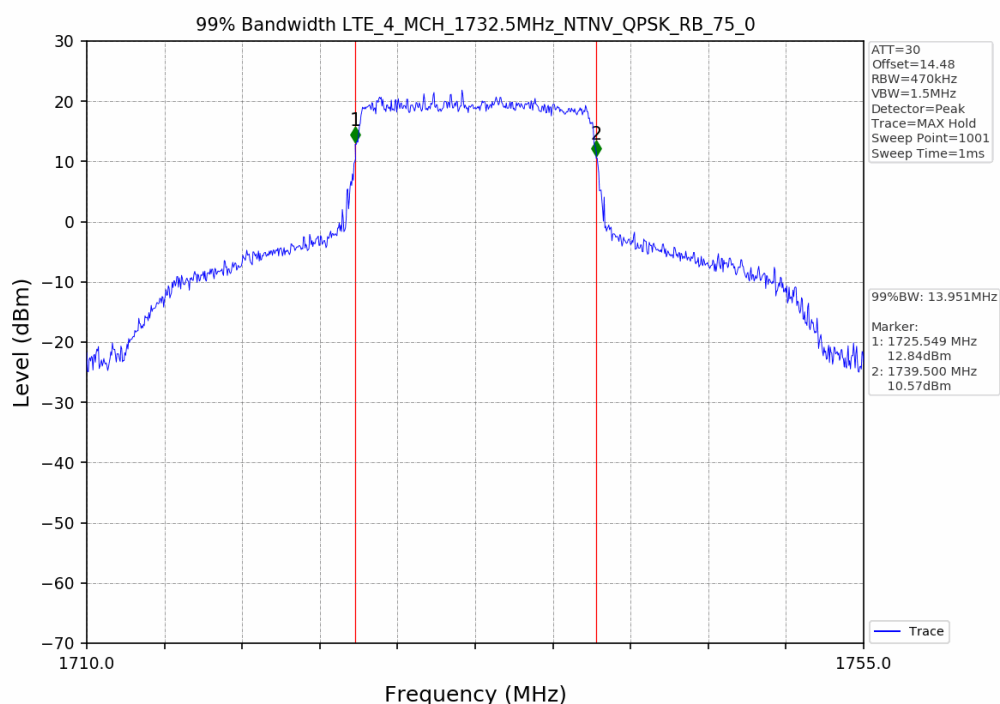
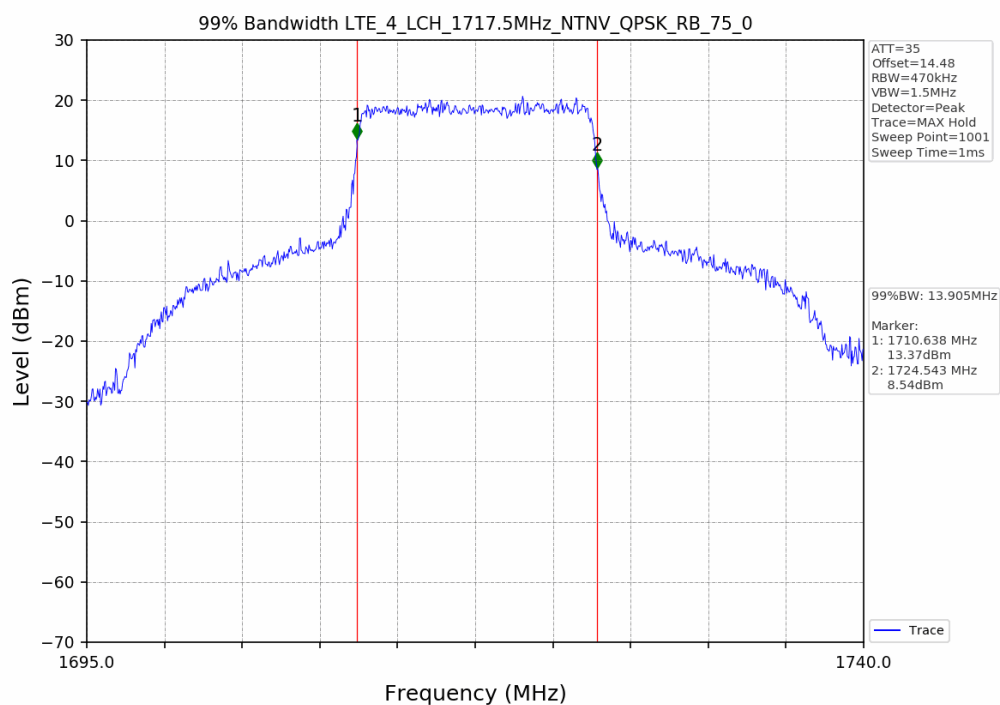
Telephone: +86 (0) 755 2779 8480 Fax: +86 (0) 755 27798960

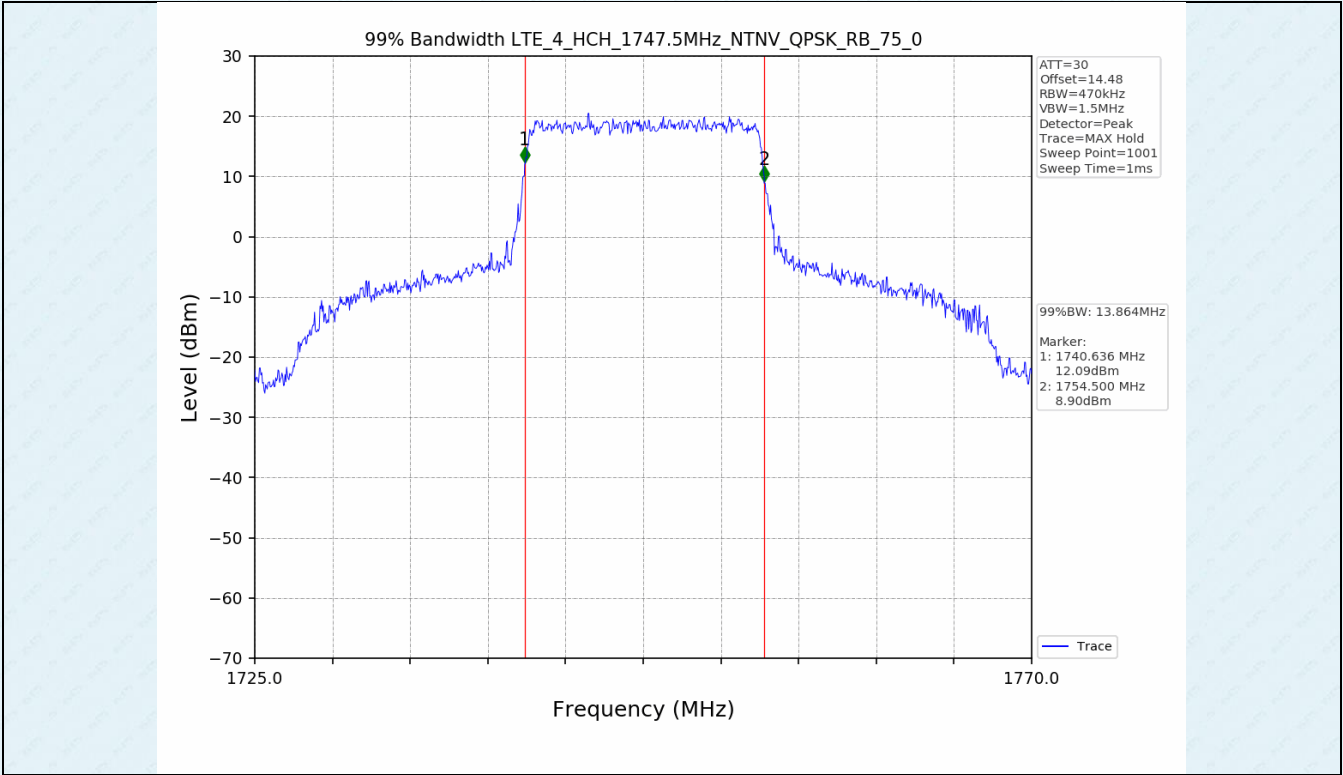
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	75	0	13.905	13.951	13.864	N/A	PASS
16QAM	75	0	13.884	13.899	13.909	N/A	PASS

3.2 Test Graph



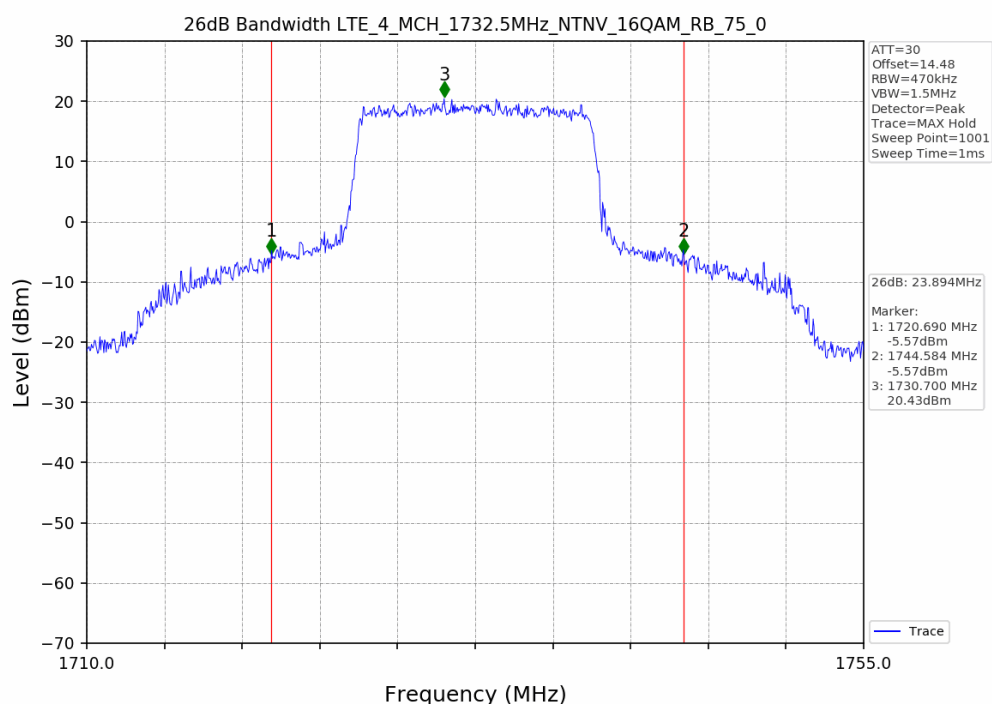
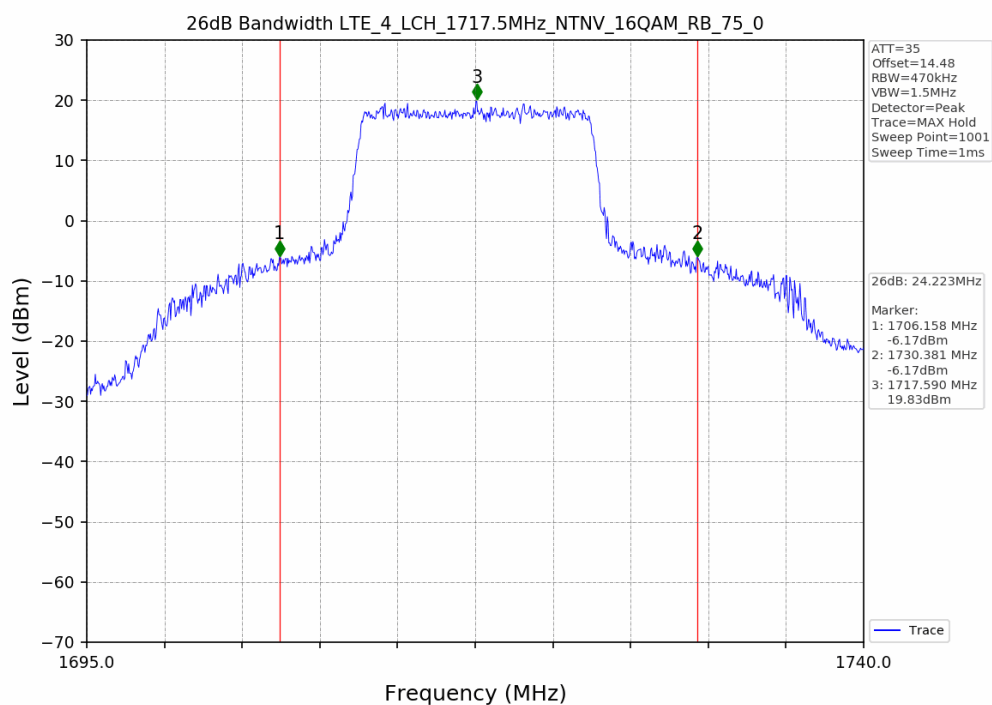


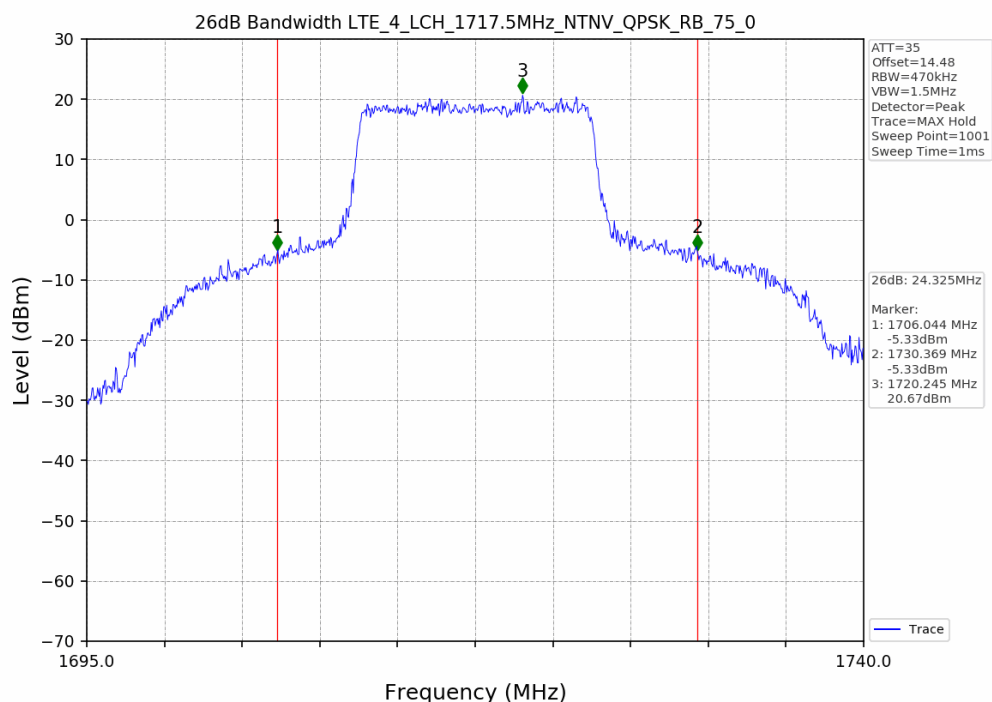
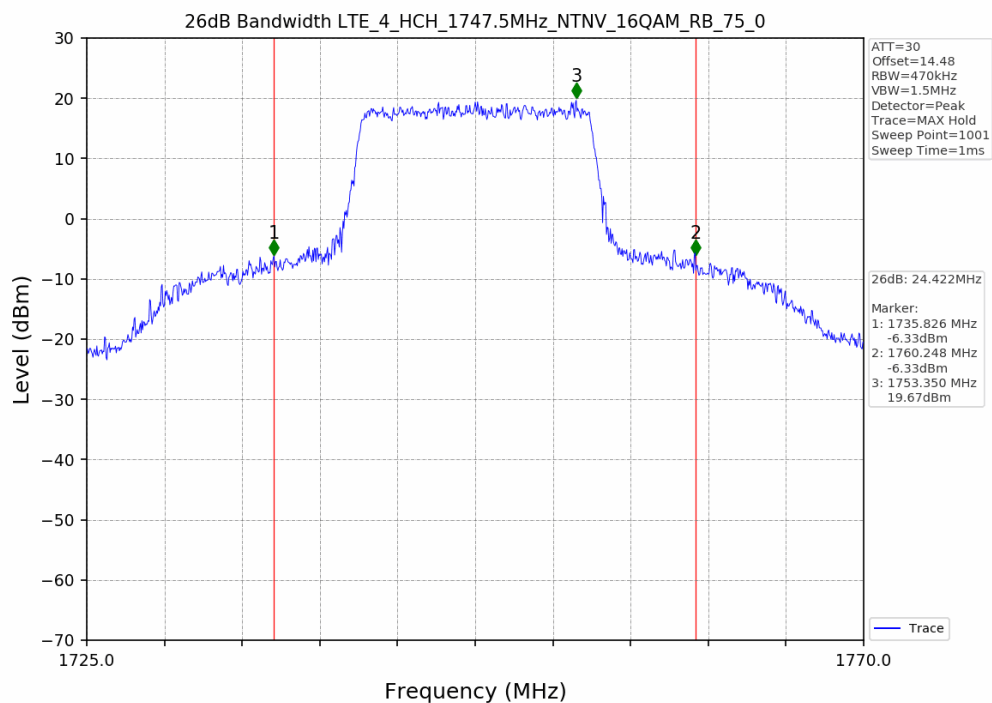


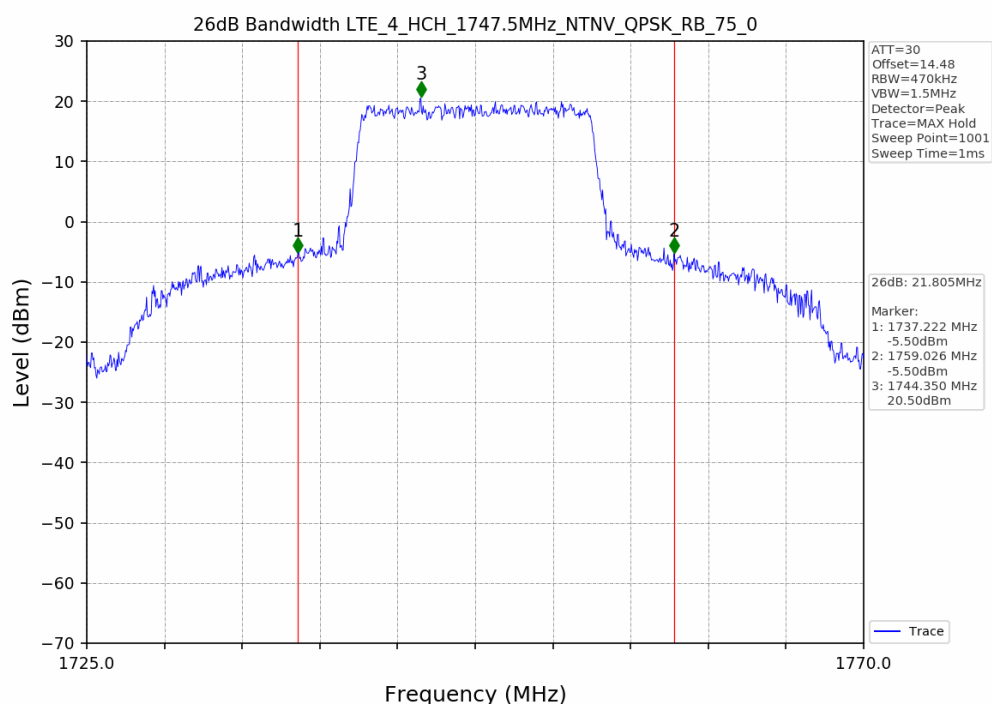
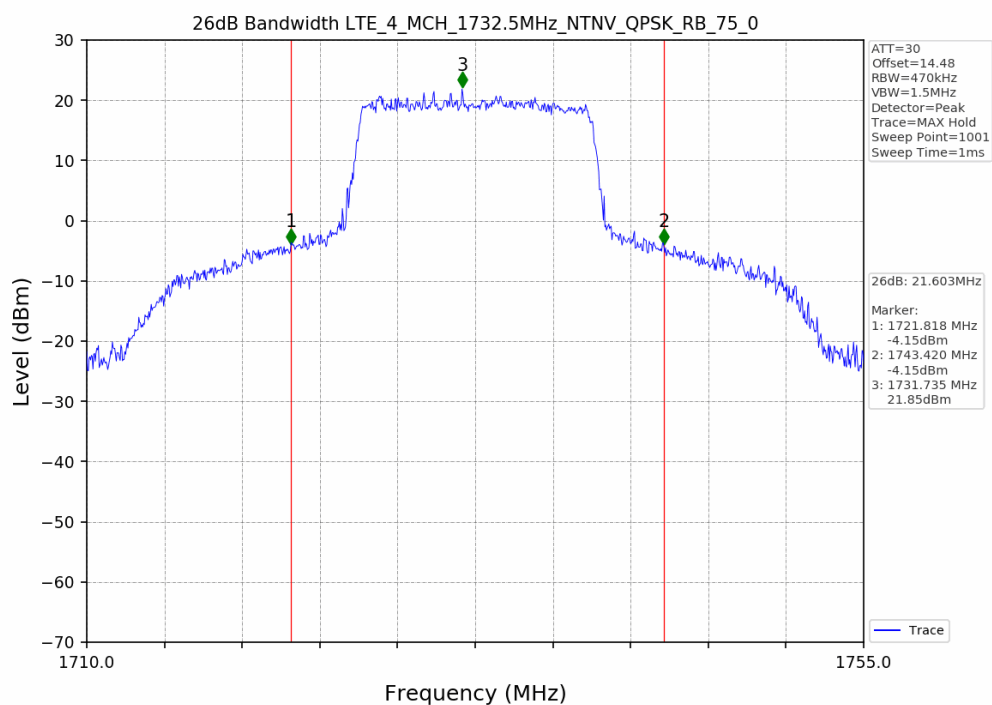


Test Band: 4_15MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	75	0	24.325	21.603	21.805	N/A	PASS
16QAM	75	0	24.223	23.894	24.422	N/A	PASS

3.2 Test Graph







Test Band: 4_20MHz Bandwidth

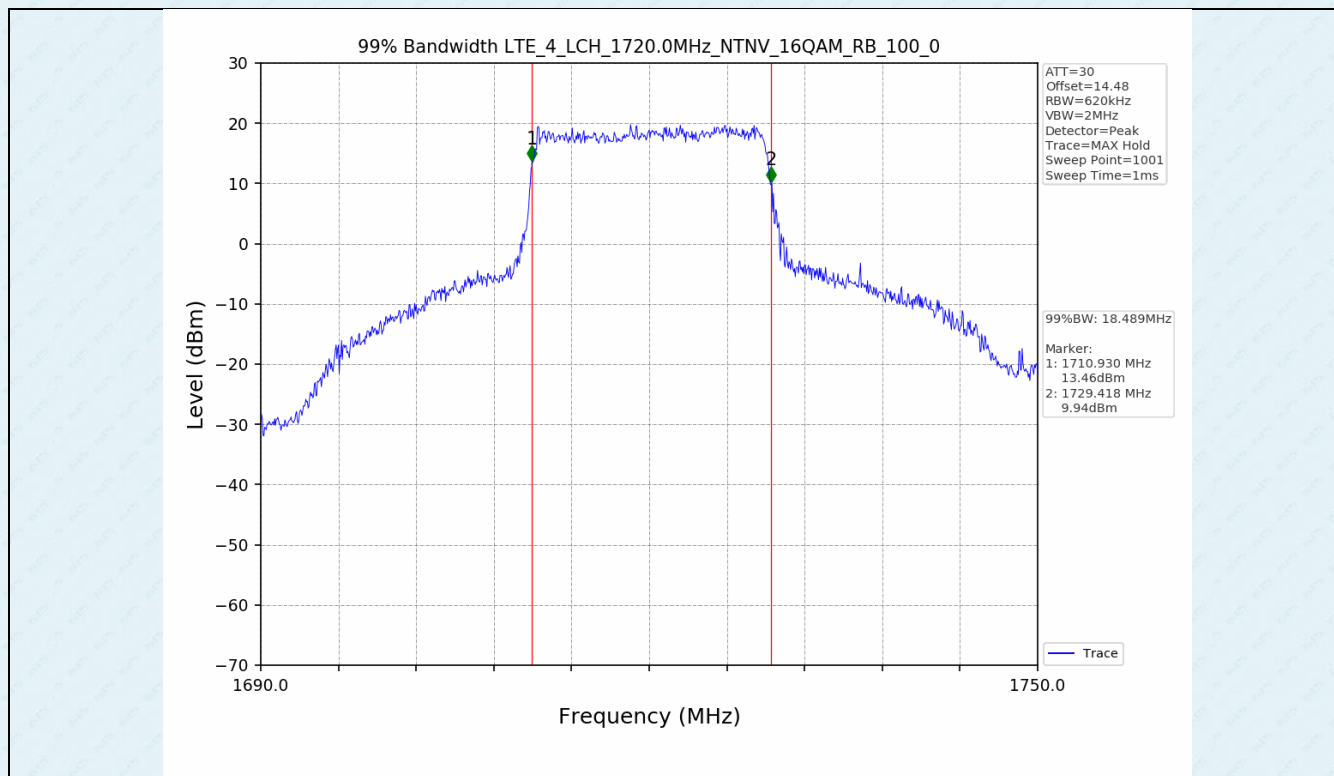
Global United Technology ServicesCo., Ltd.

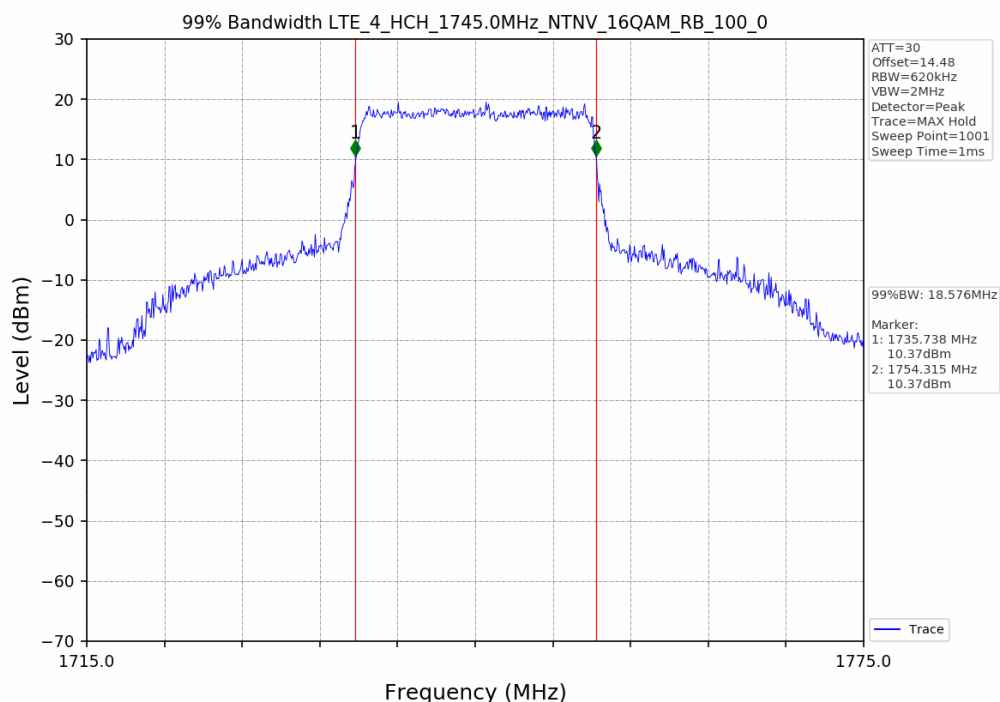
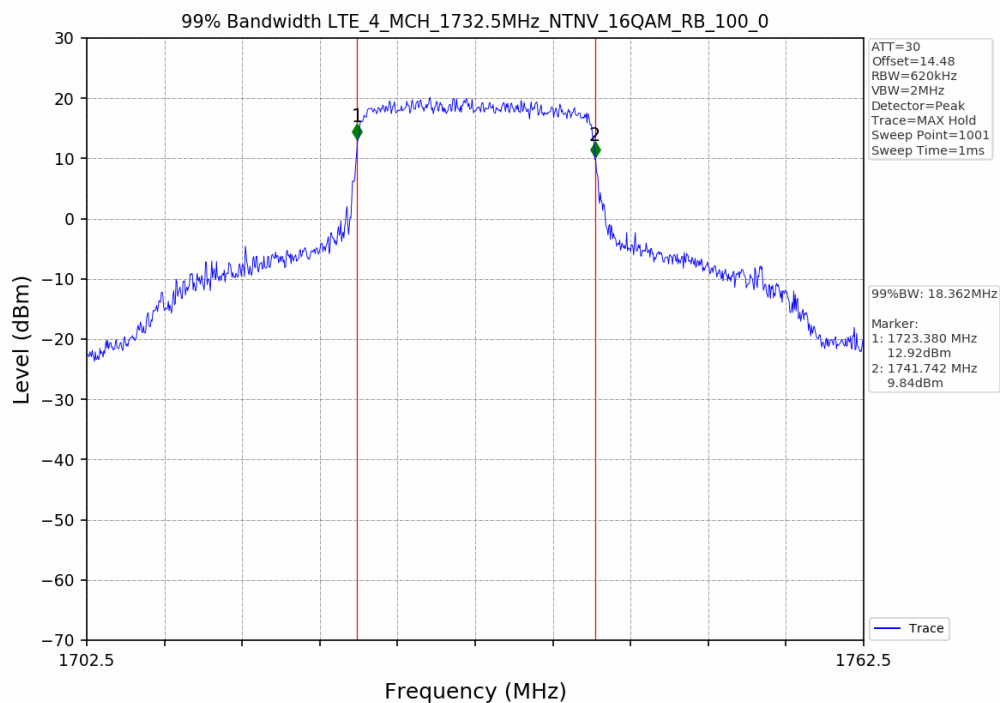
No. 123-128, Tower A,Jinyuan BusinessBuilding, No.2, Laodong Industrial Zone,
Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102

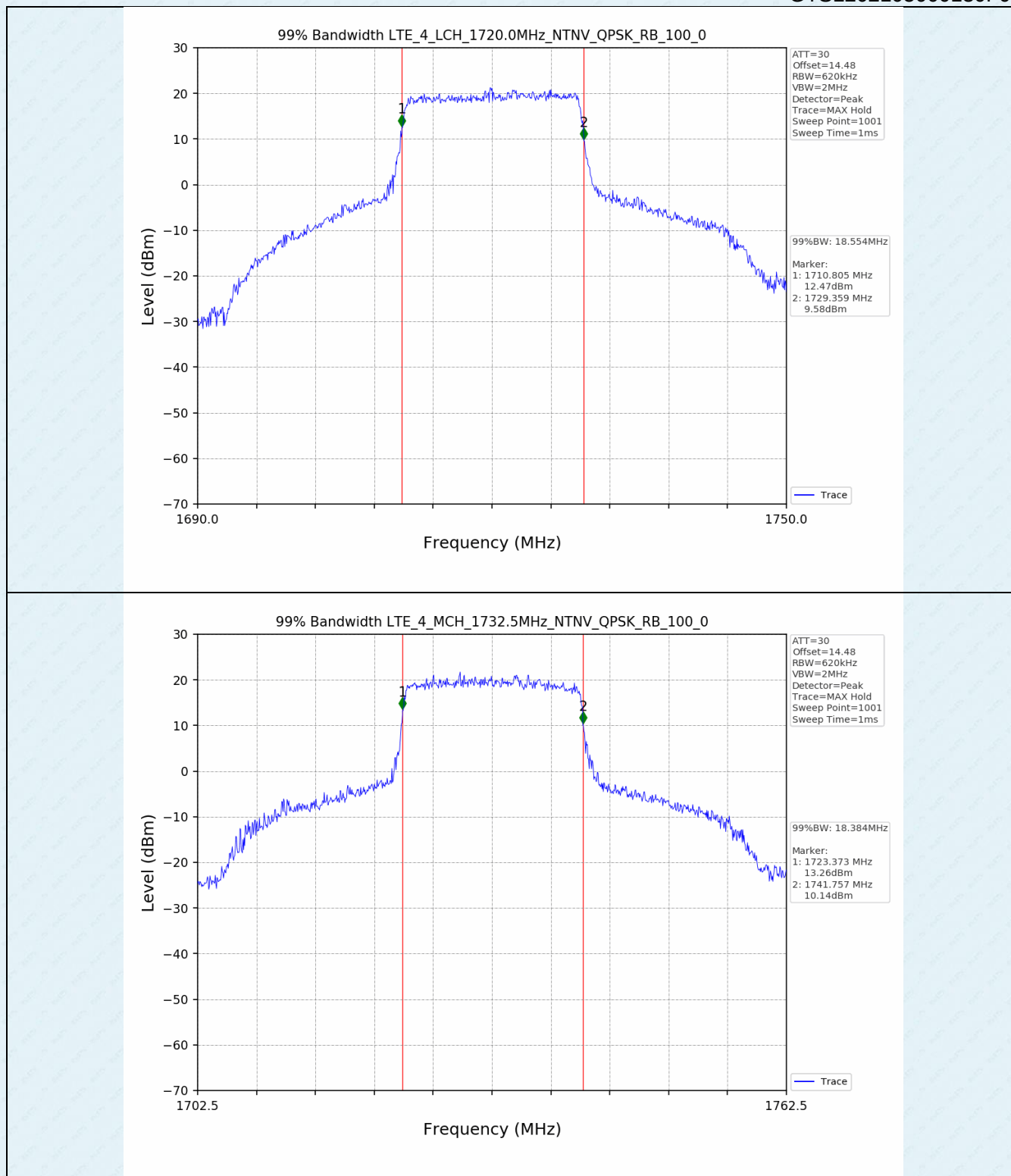
Telephone: +86 (0) 755 2779 8480 Fax: +86 (0) 755 27798960

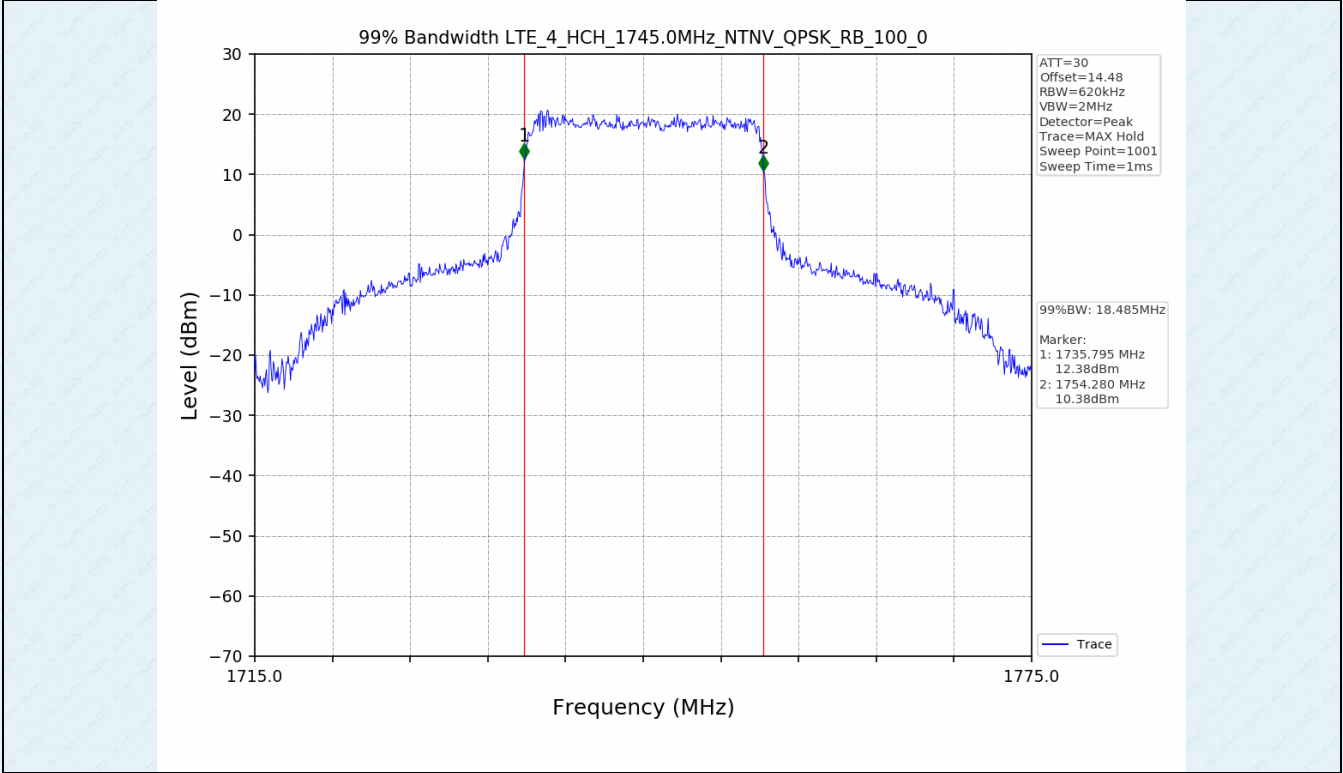
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	100	0	18.554	18.384	18.485	N/A	PASS
16QAM	100	0	18.489	18.362	18.576	N/A	PASS

3.2 Test Graph



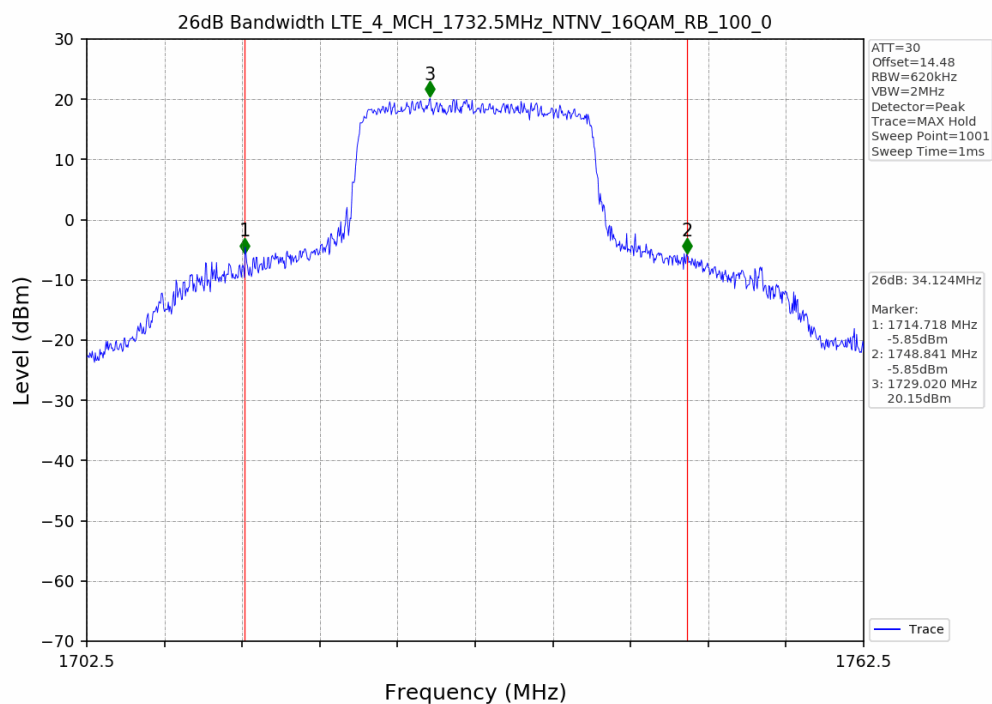
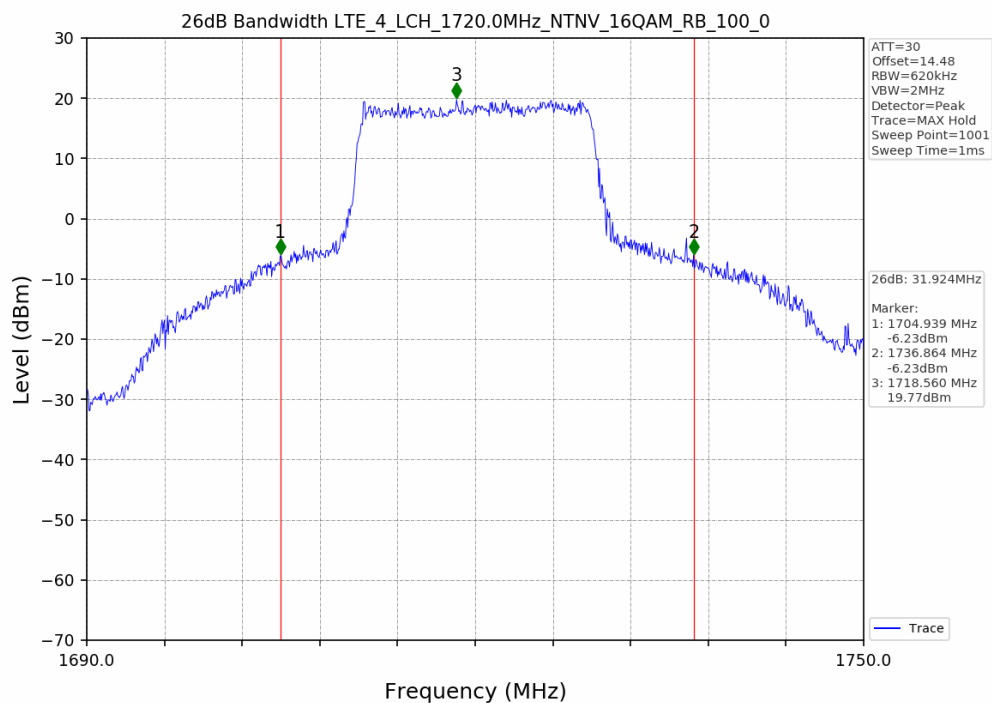


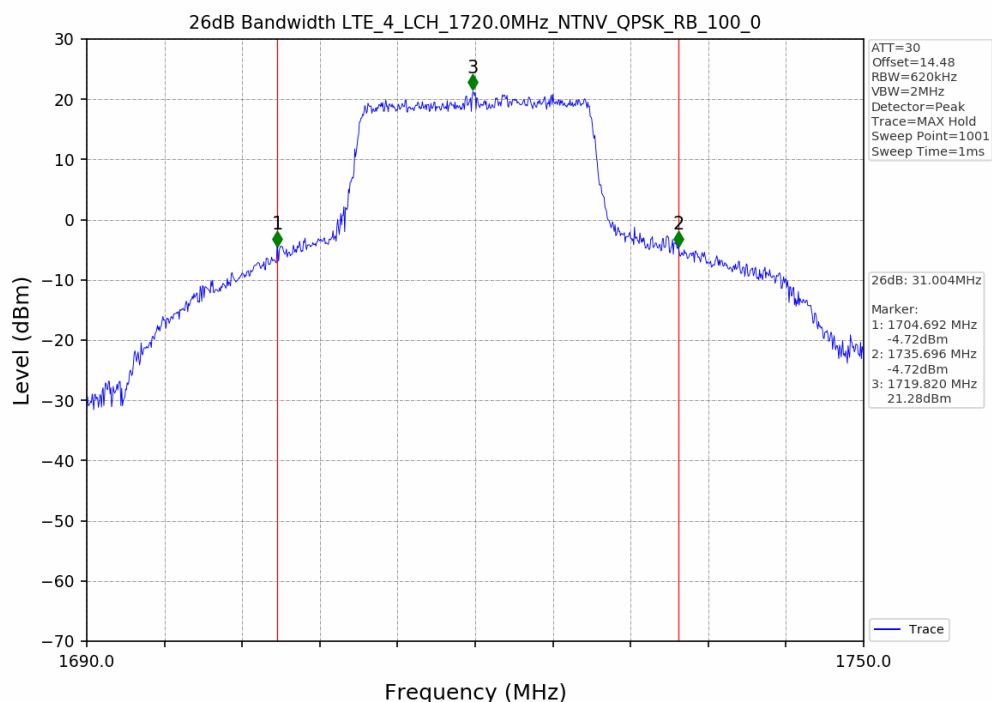
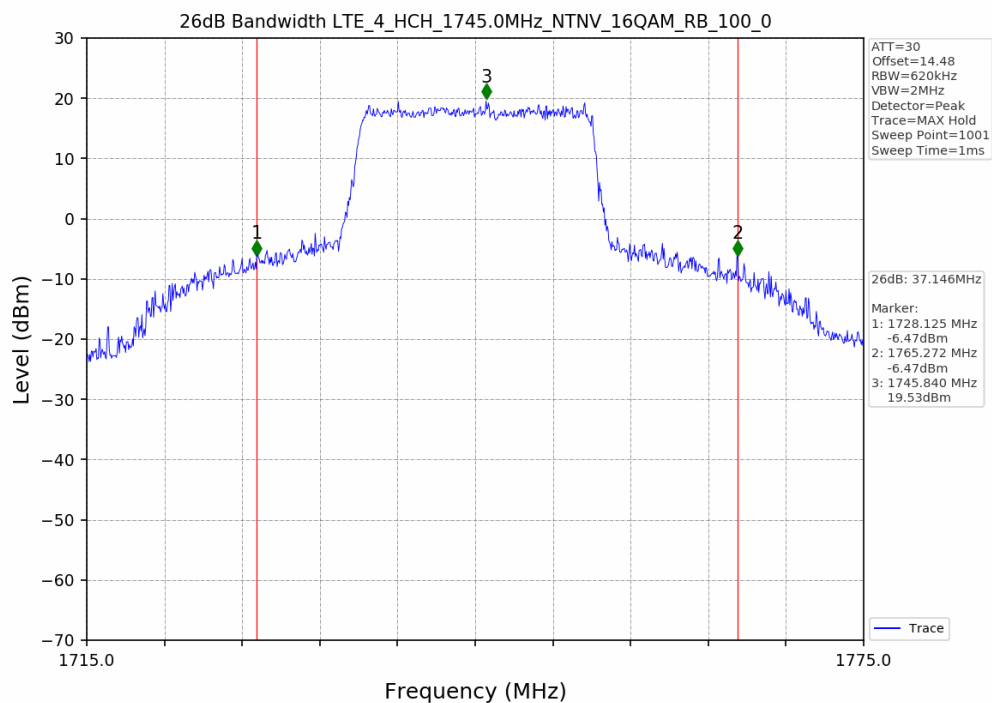


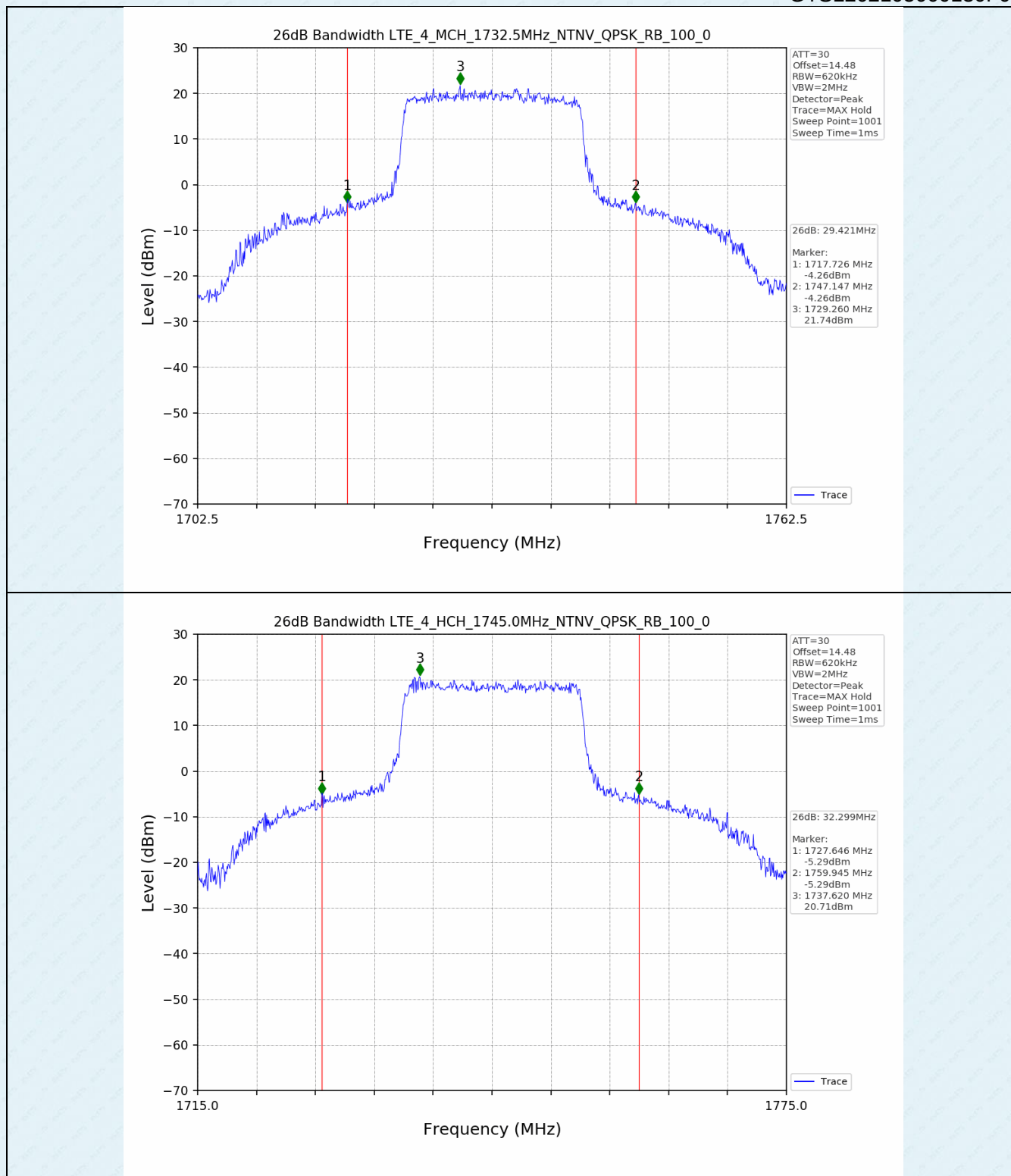


Test Band: 4_20MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	100	0	31.004	29.421	32.299	N/A	PASS
16QAM	100	0	31.924	34.124	37.146	N/A	PASS

3.2 Test Graph







4. Peak-Average Ratio

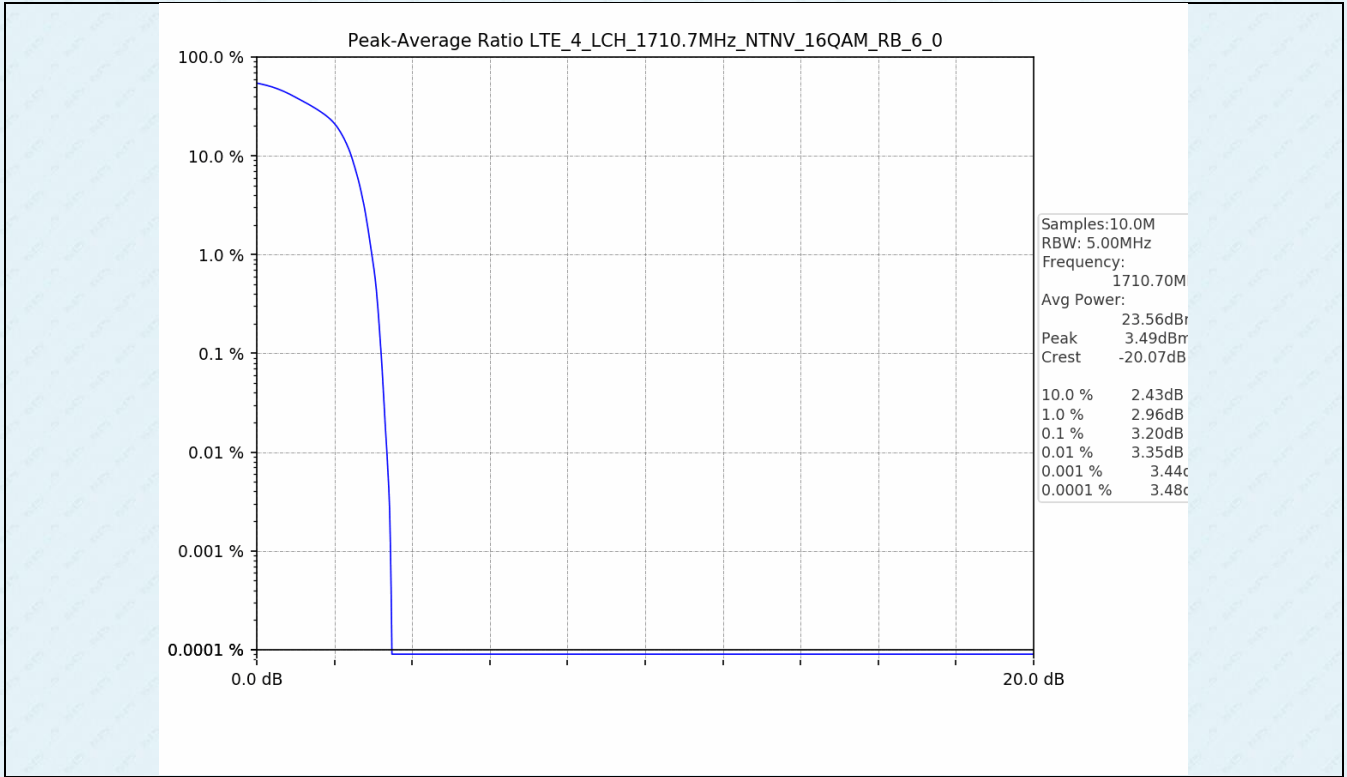
Global United Technology ServicesCo., Ltd.

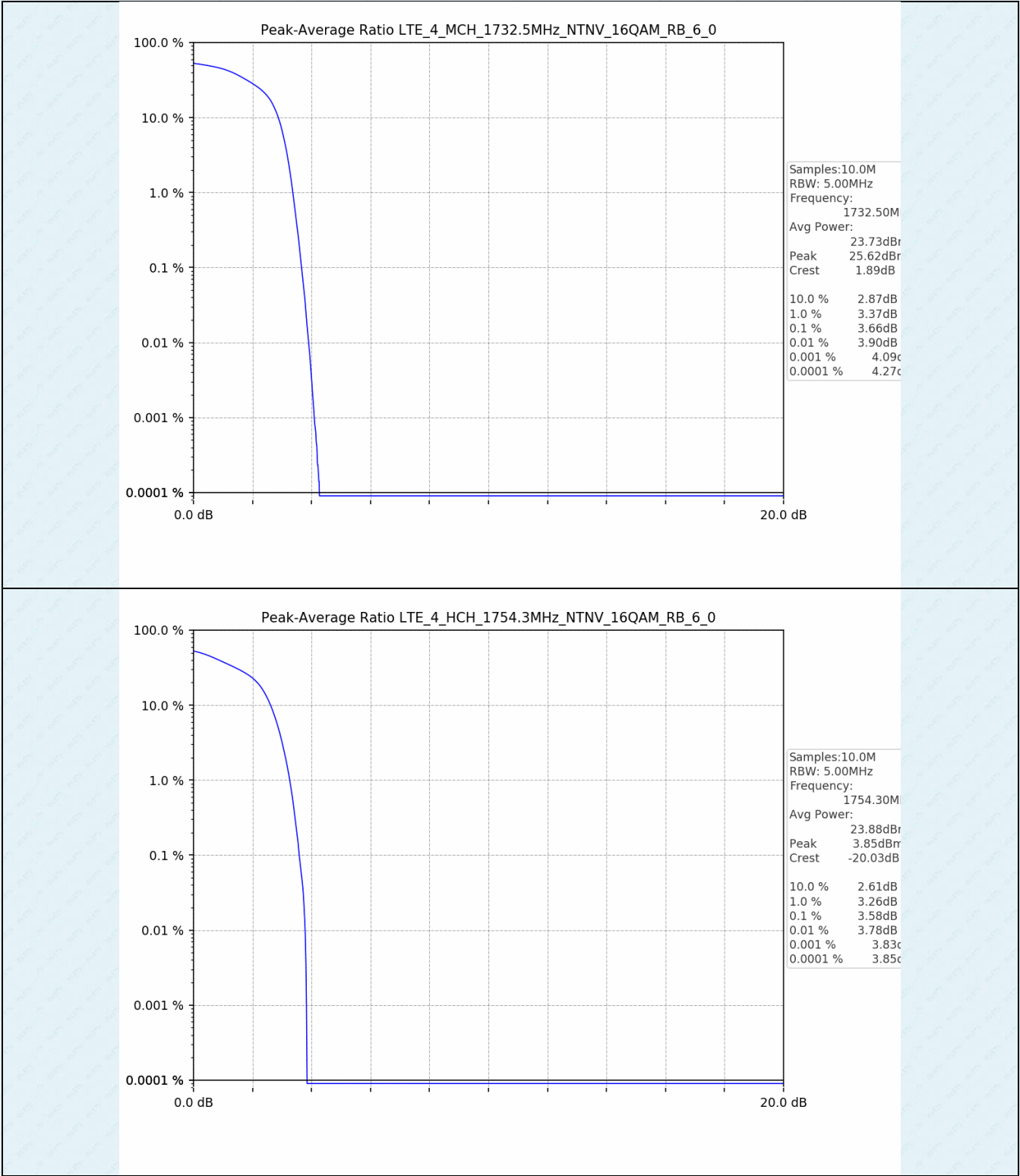
No. 123-128, Tower A,Jinyuan BusinessBuilding, No.2, Laodong Industrial Zone,
Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102
Telephone: +86 (0) 755 2779 8480 Fax: +86 (0) 755 27798960

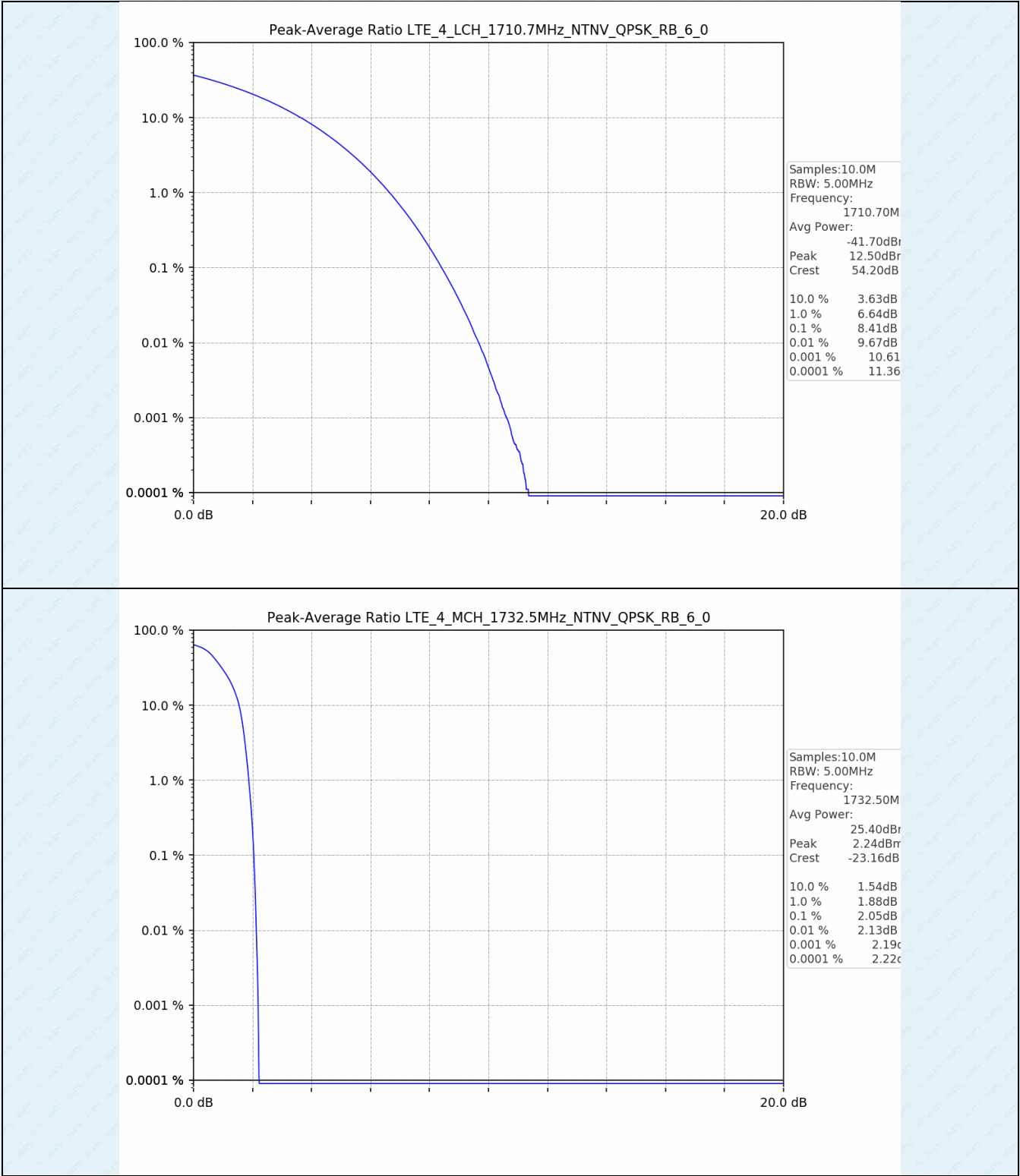
4.1 Test Result

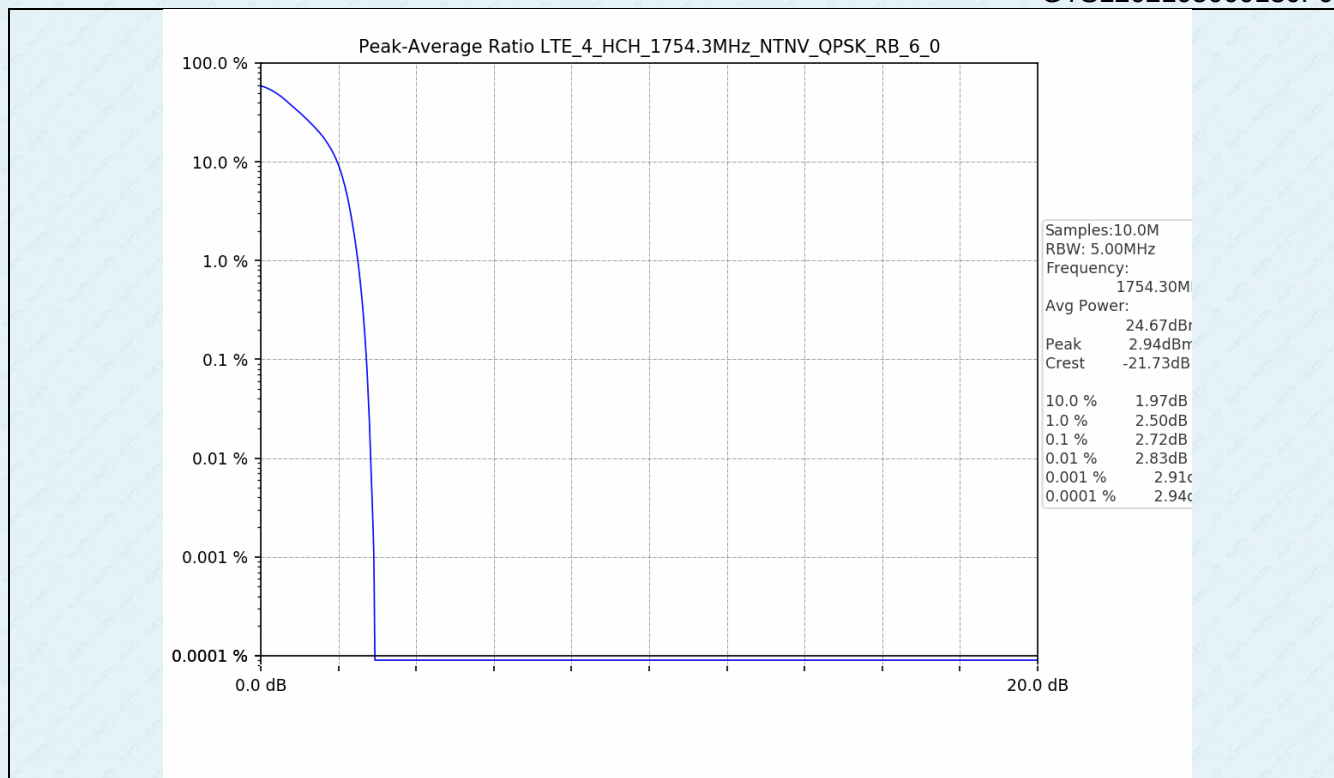
Test Band: 4 _ 1.4MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	8.41	2.05	2.72	13	PASS
16QAM	6	0	3.20	3.66	3.58	13	PASS

4.2 Test Graph



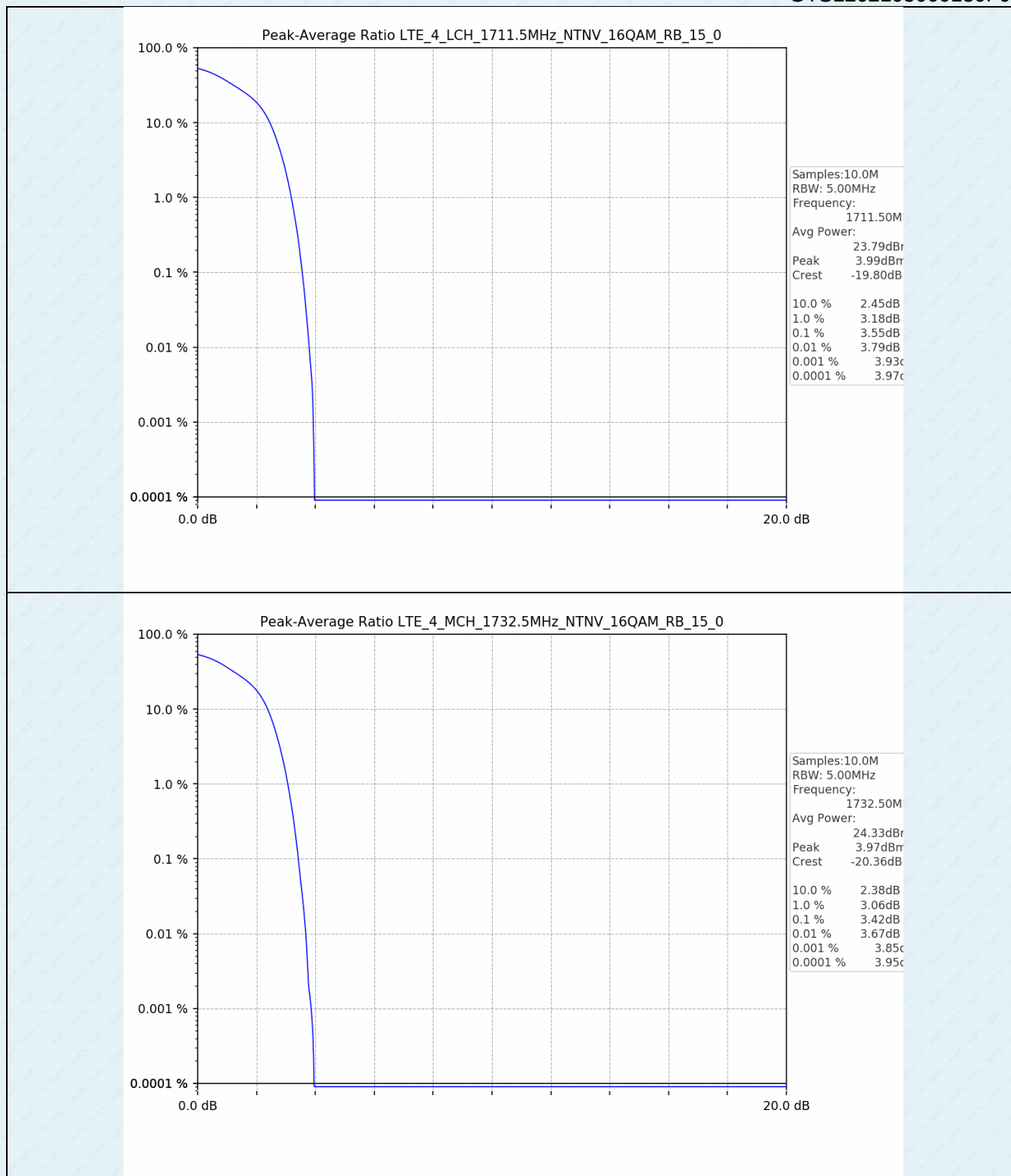


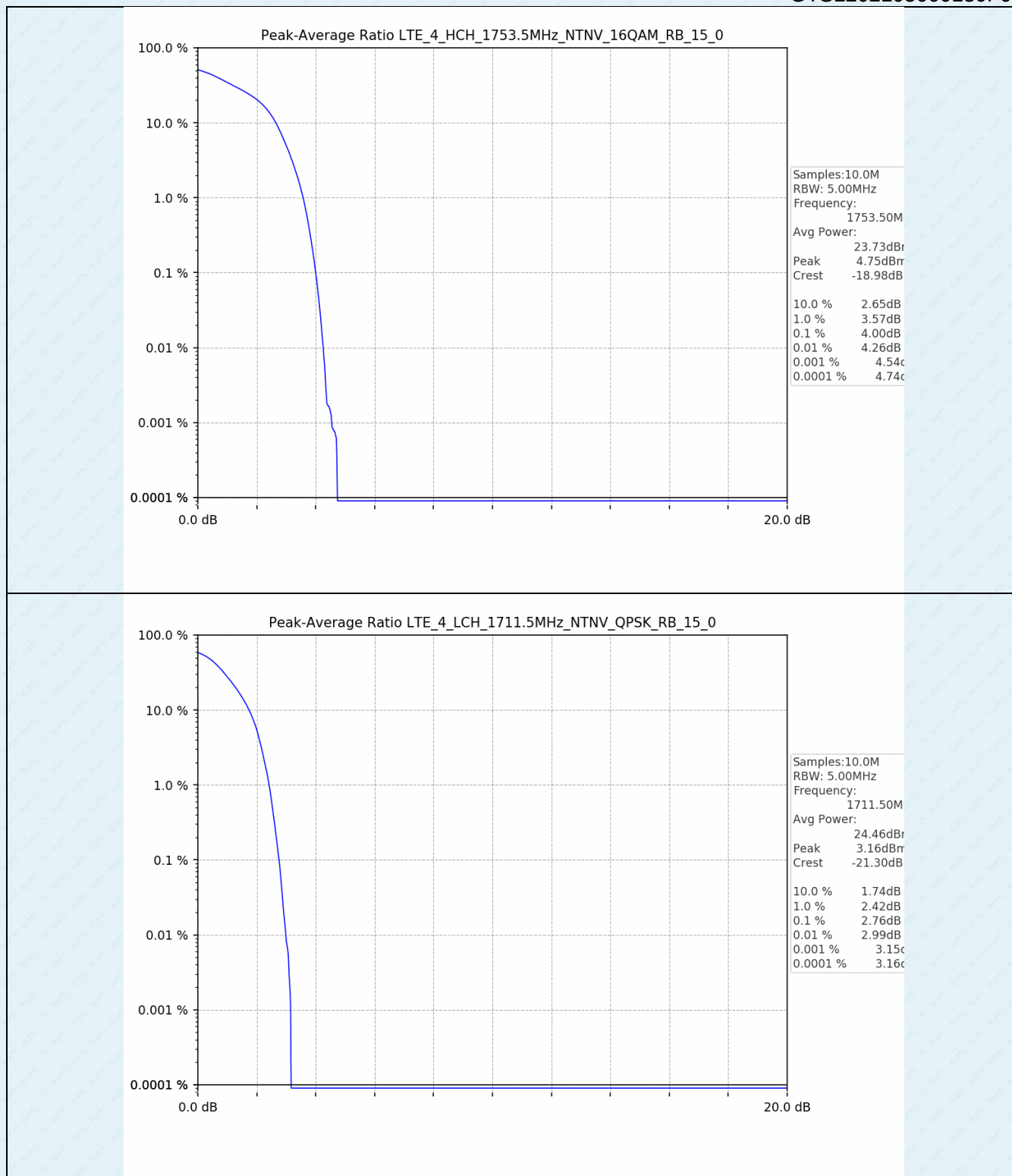


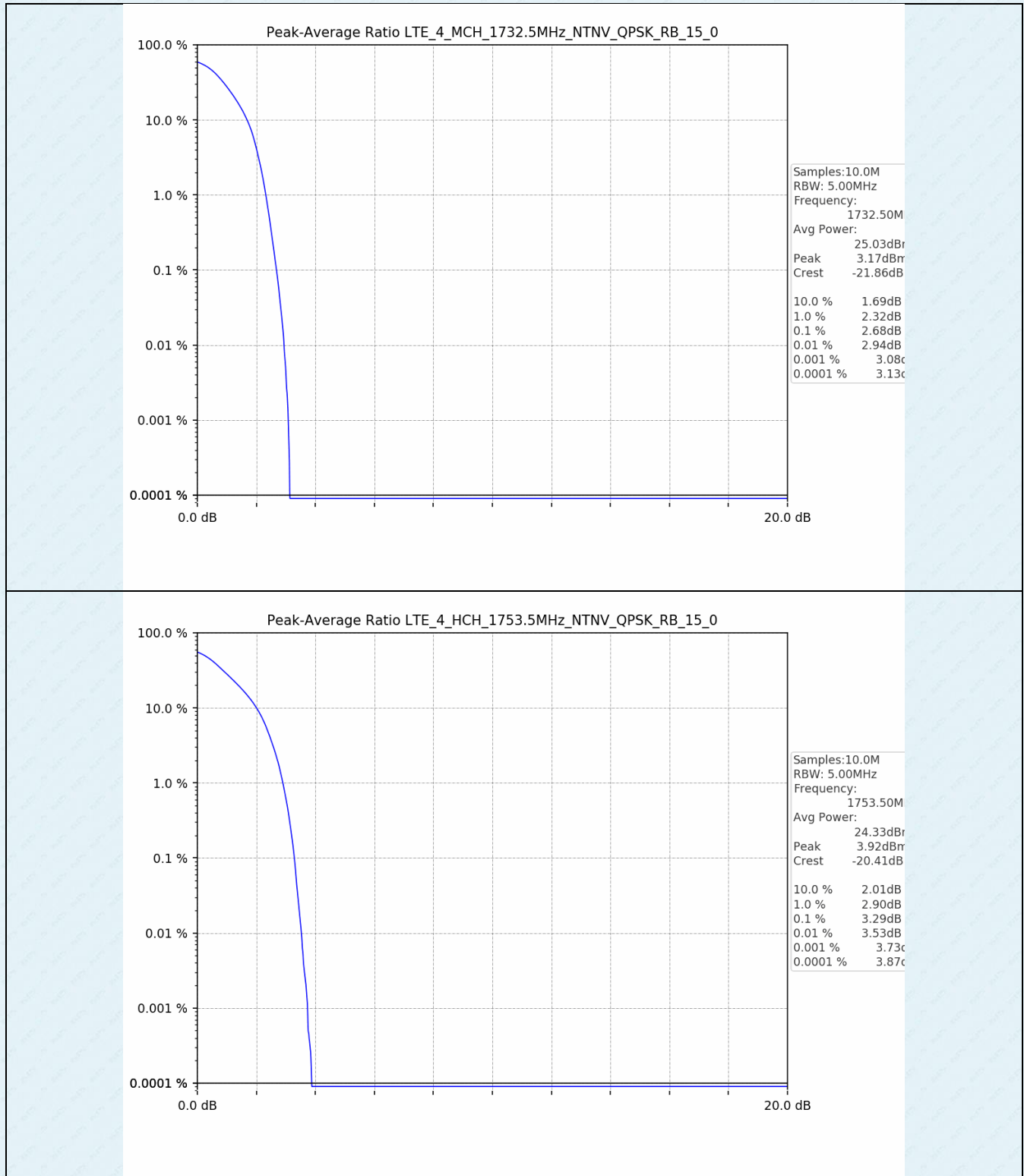


Test Band: 4_3MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	15	0	2.76	2.68	3.29	13	PASS
16QAM	15	0	3.55	3.42	4.00	13	PASS

4.2 Test Graph



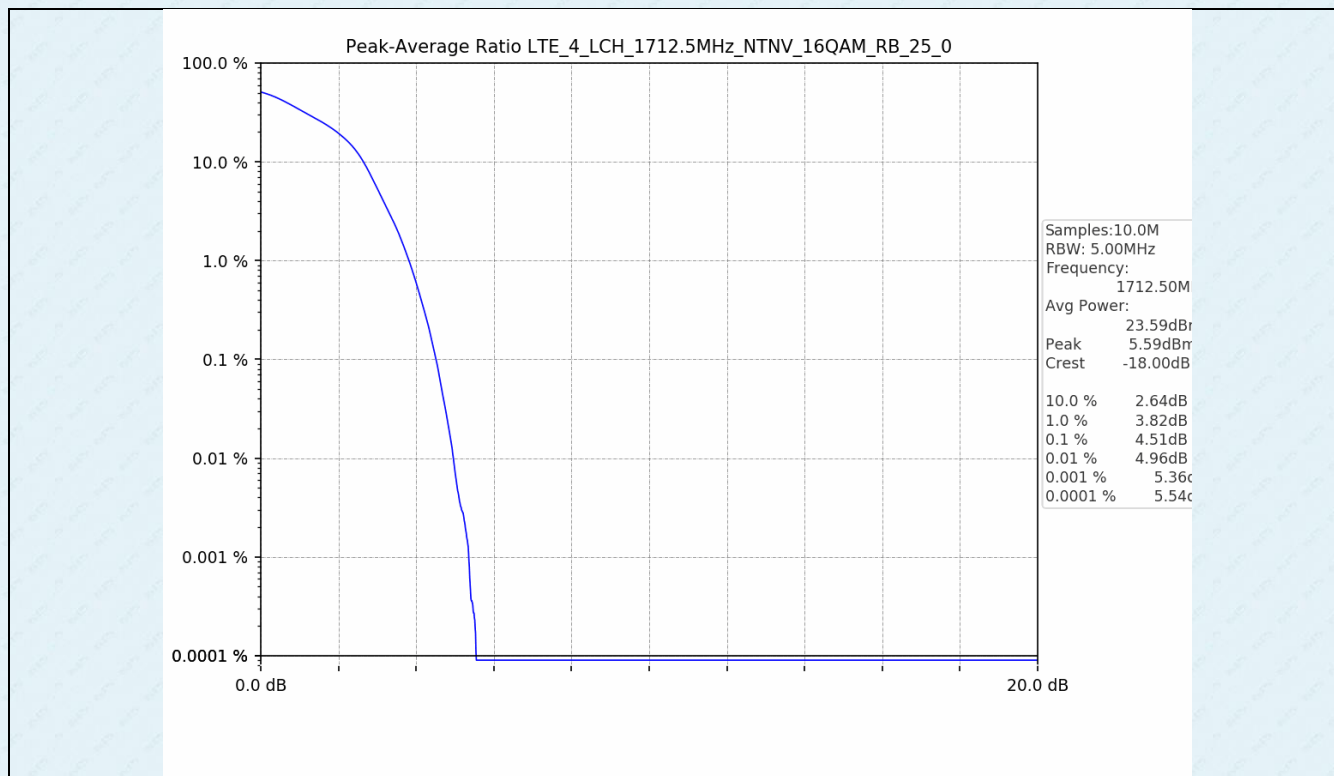


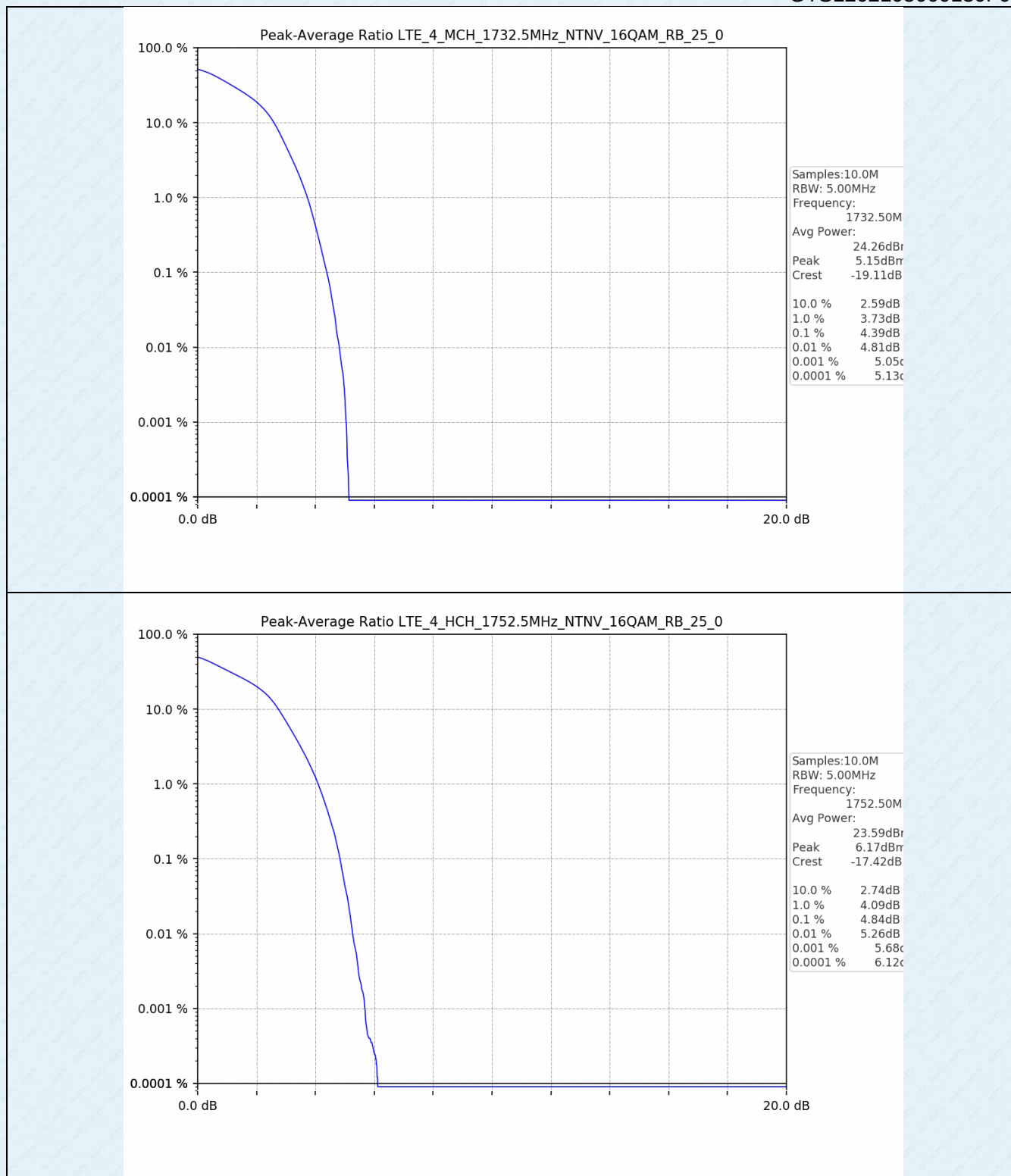


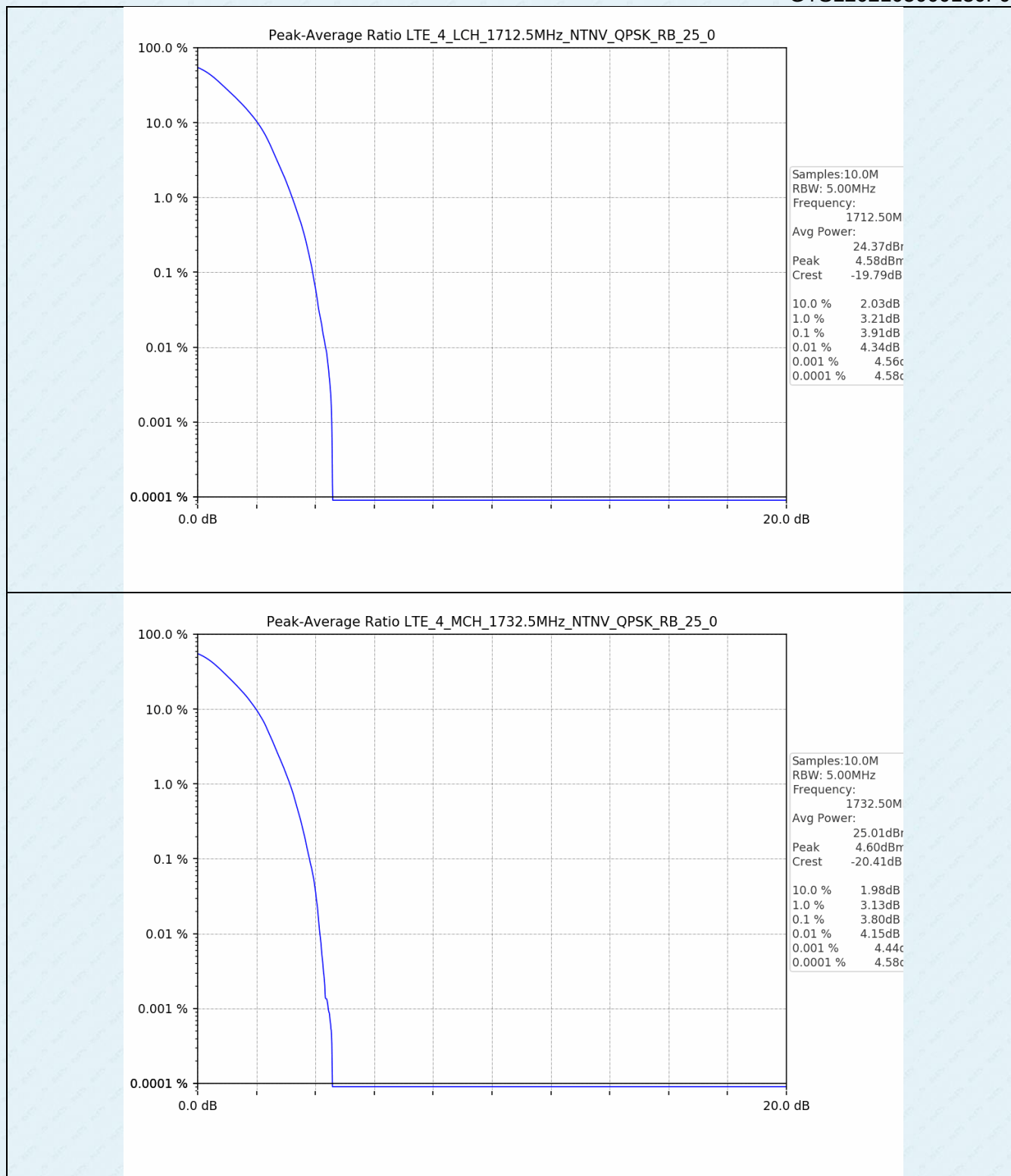
Test Band: 4 5MHz Bandwidth

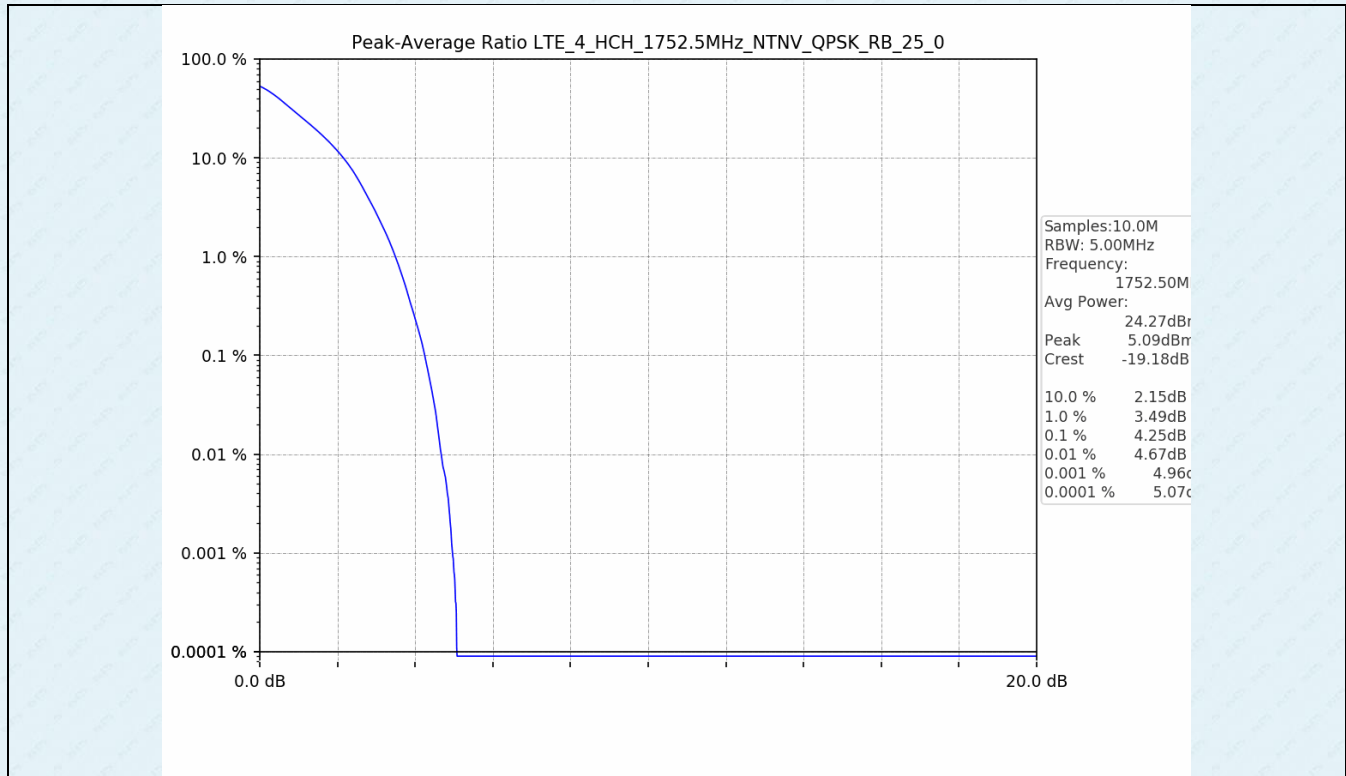
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	3.91	3.80	4.25	13	PASS
16QAM	25	0	4.51	4.39	4.84	13	PASS

4.2 Test Graph



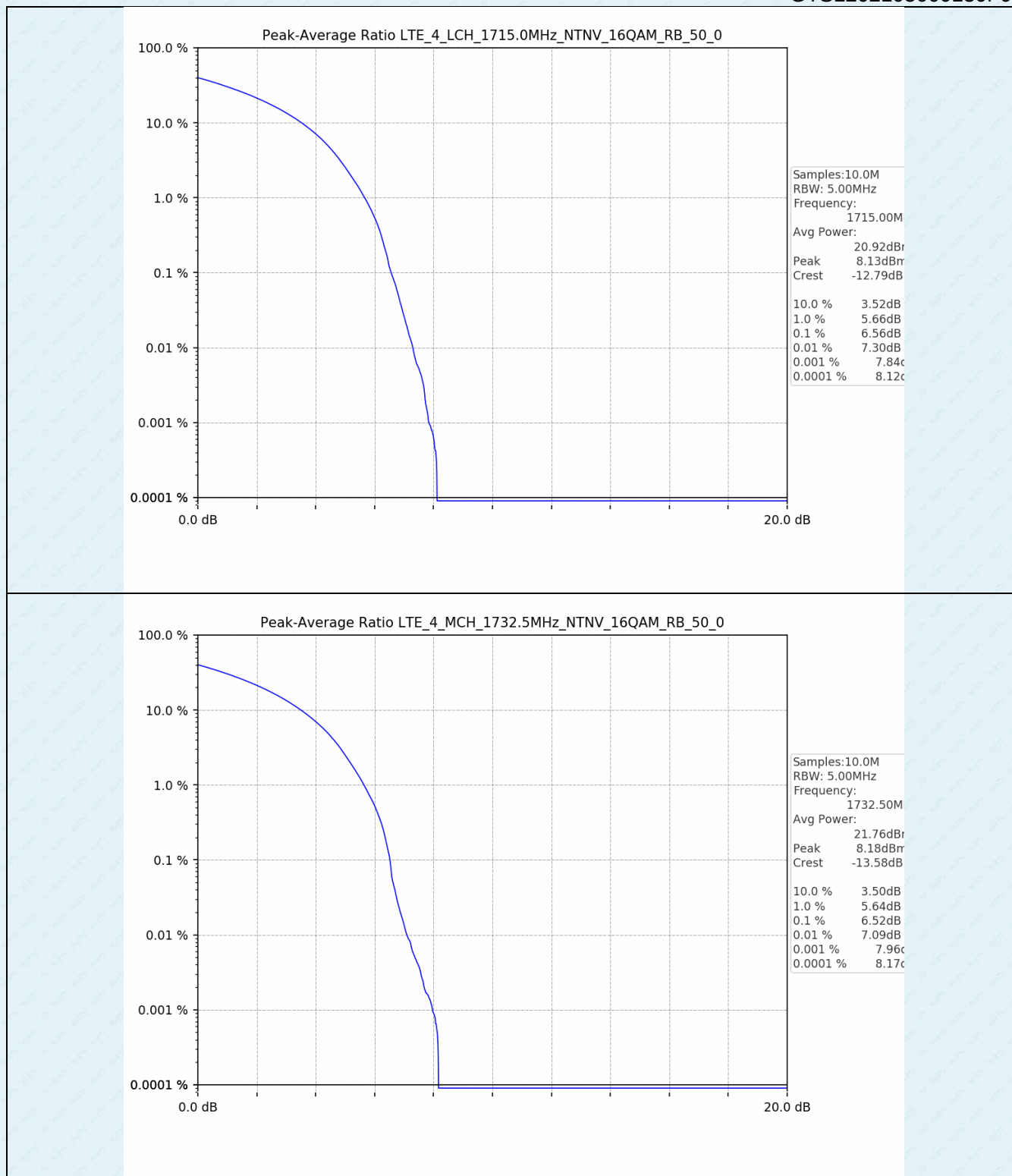


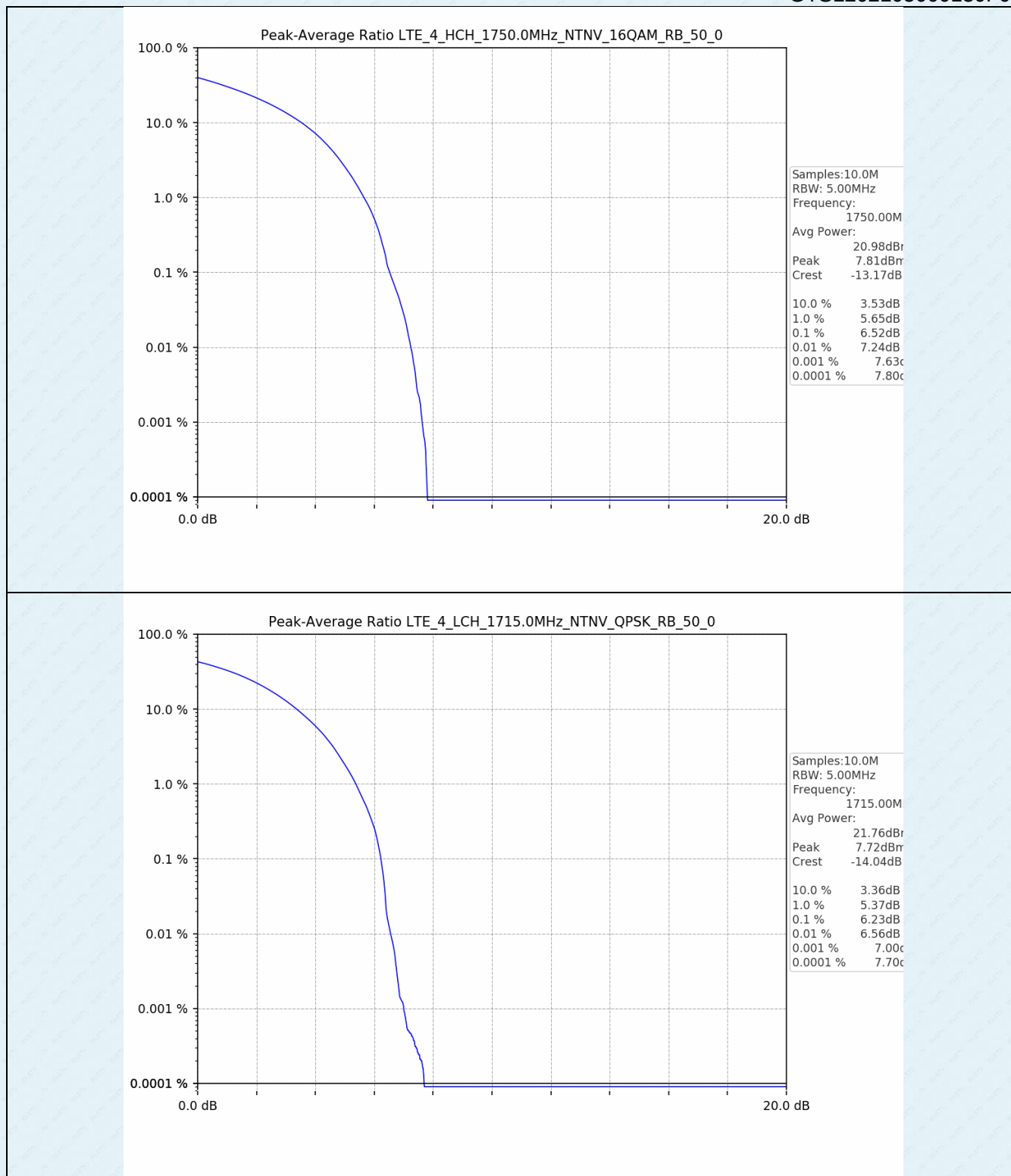


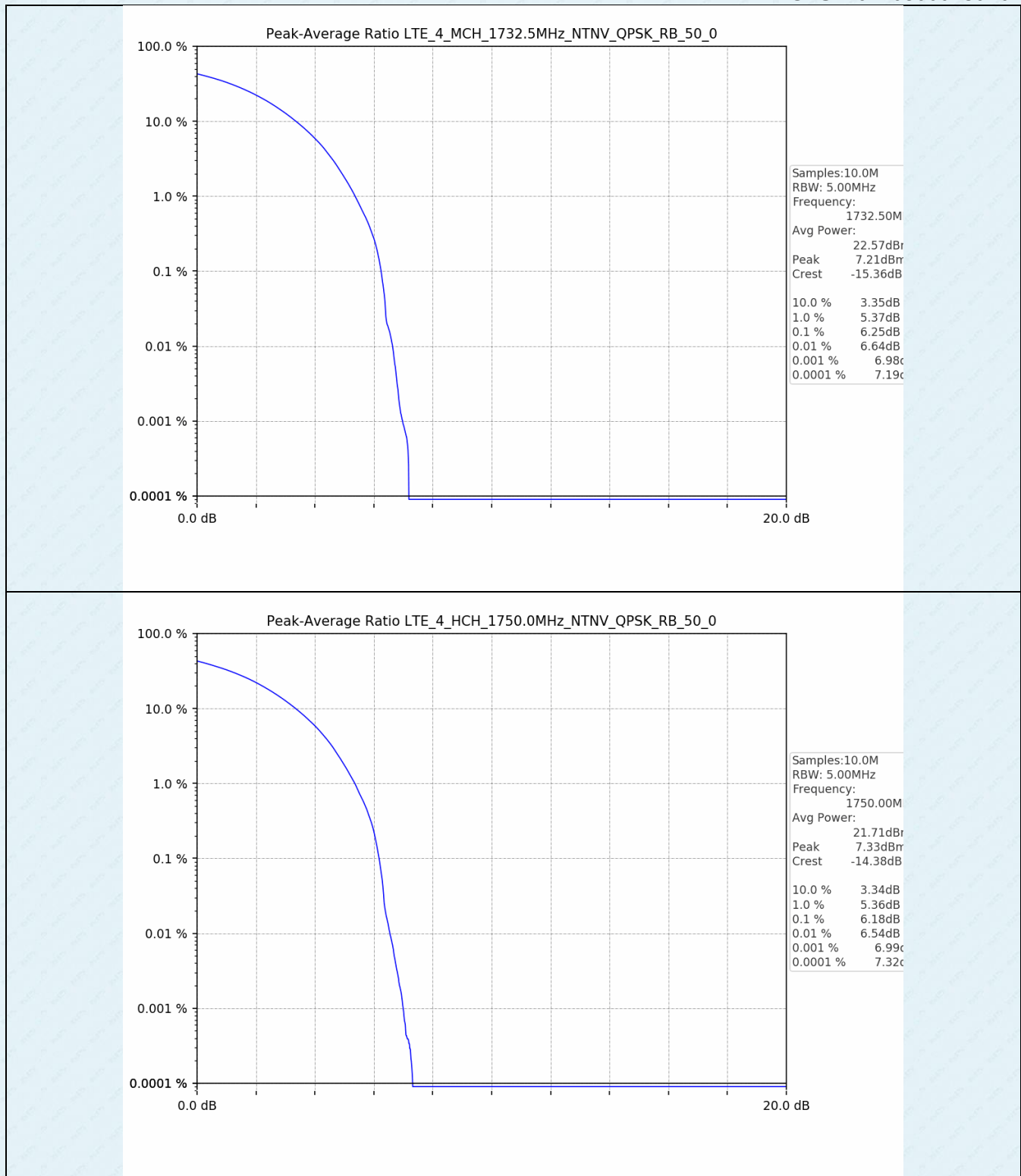


Test Band: 4_10MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	6.23	6.25	6.18	13	PASS
16QAM	50	0	6.56	6.52	6.52	13	PASS

4.2 Test Graph







Test Band: 4_15MHz Bandwidth