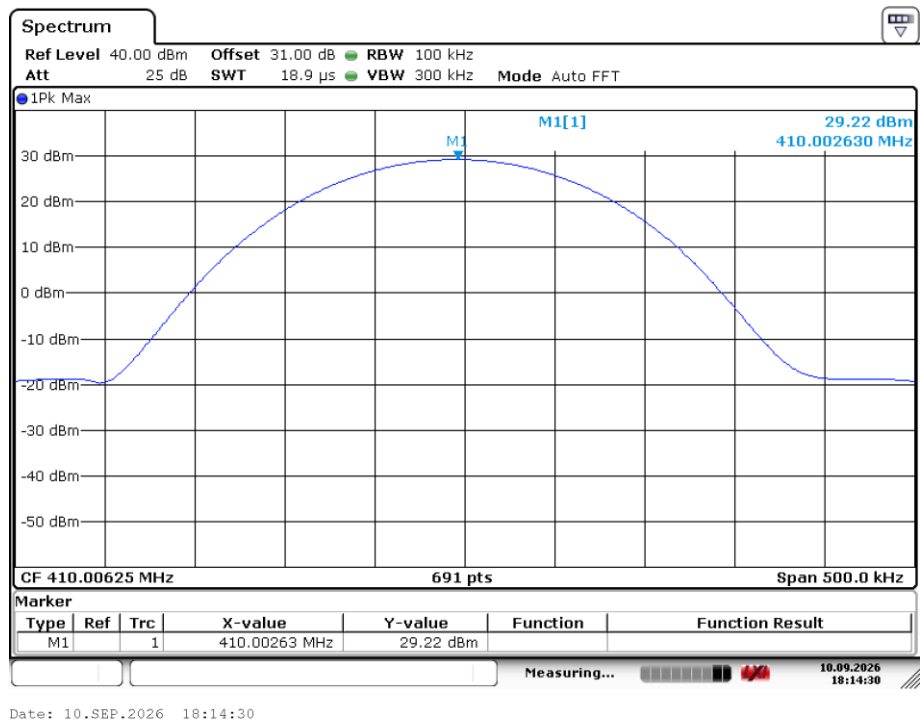
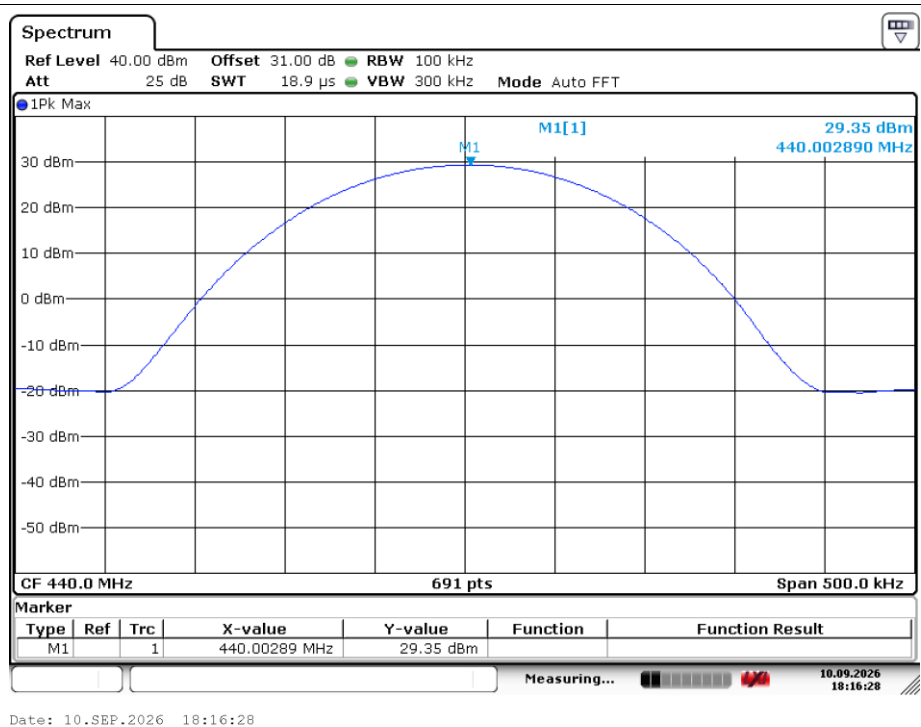


RF POWER OUTPUT

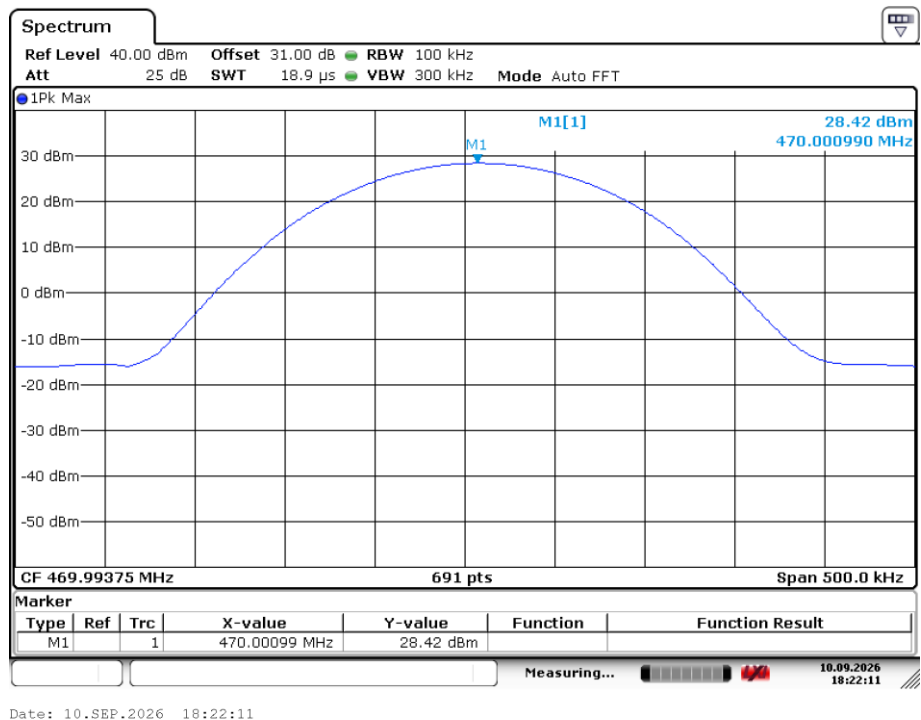
Condition	Modulation Mode	Channel Spacing(kHz)	Frequency (MHz)	Conducted Output Power (dBm)		Conducted Output Power (W)	
				Low power level	High power level	Low power level	High power level
NVNT	GMSK	6.25	410.00625	29.22	32.62	0.84	1.83
NVNT	GMSK	6.25	440.00000	29.35	32.06	0.86	1.61
NVNT	GMSK	6.25	469.99375	28.42	31.42	0.70	1.39



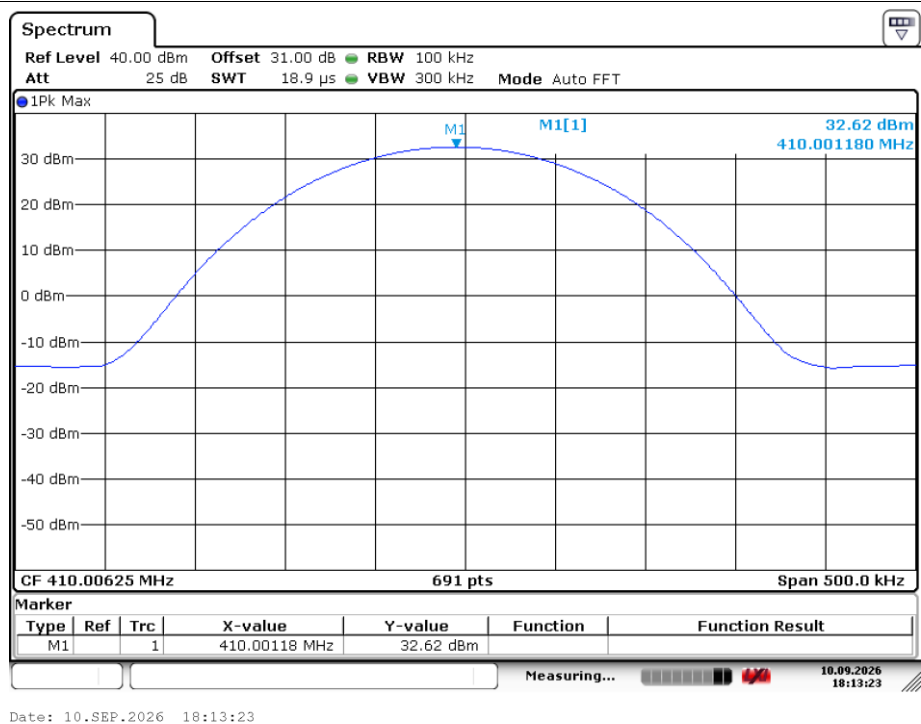
Low Peak Power NVNT GMSK 410.00625MHz



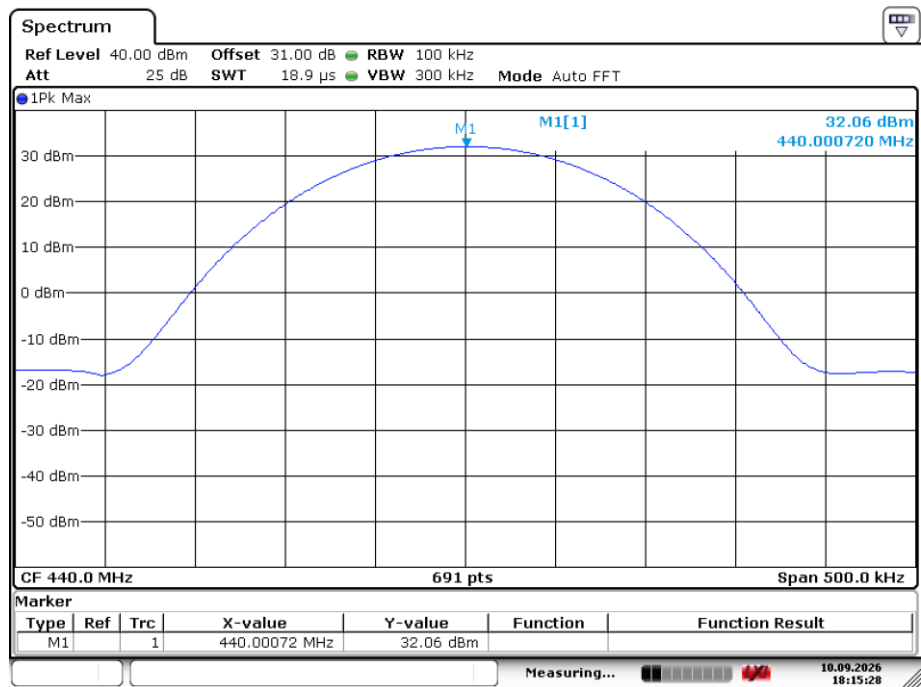
Low Peak Power NVNT GMSK 440.00000MHz



Low Peak Power NVNT GMSK 469.99375MHz

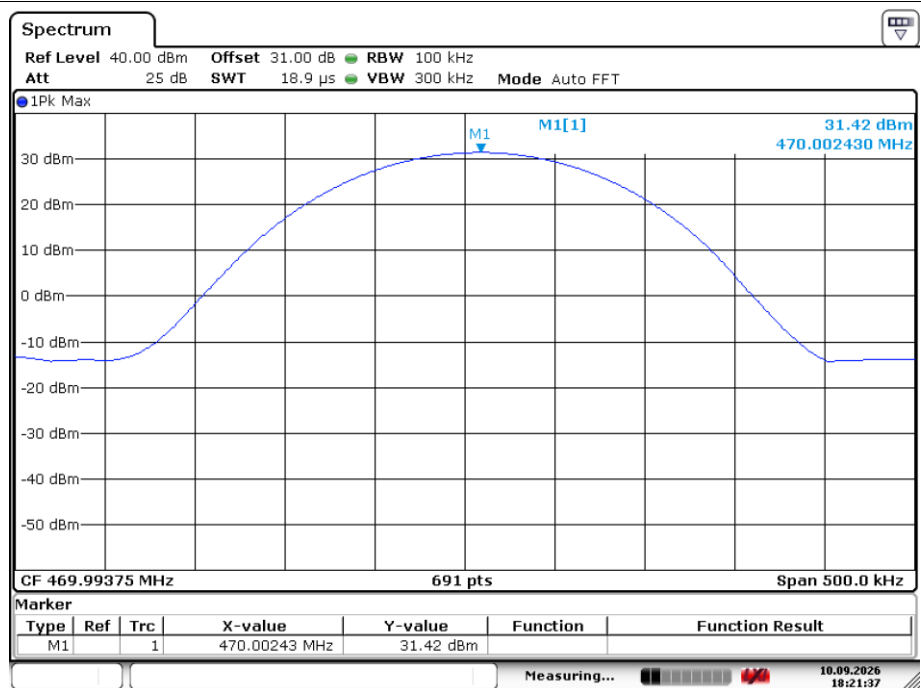


High Peak Power NVNT GMSK 410.00625MHz



Date: 10.SEP.2026 18:15:28

High Peak Power NVNT GMSK 440.00000MHz

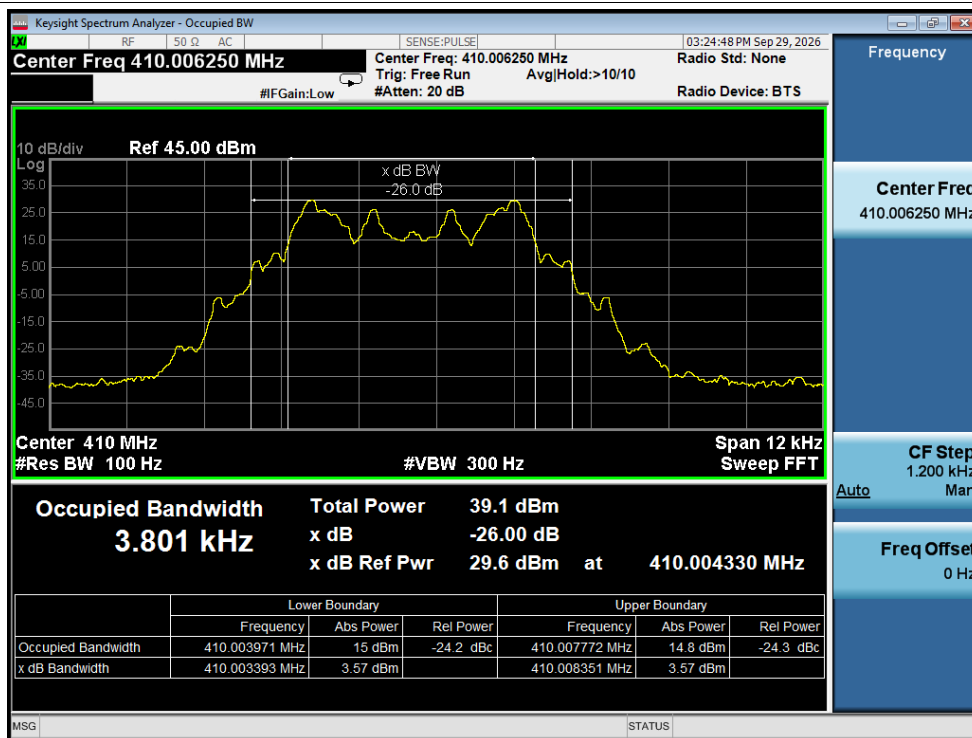


Date: 10.SEP.2026 18:21:37

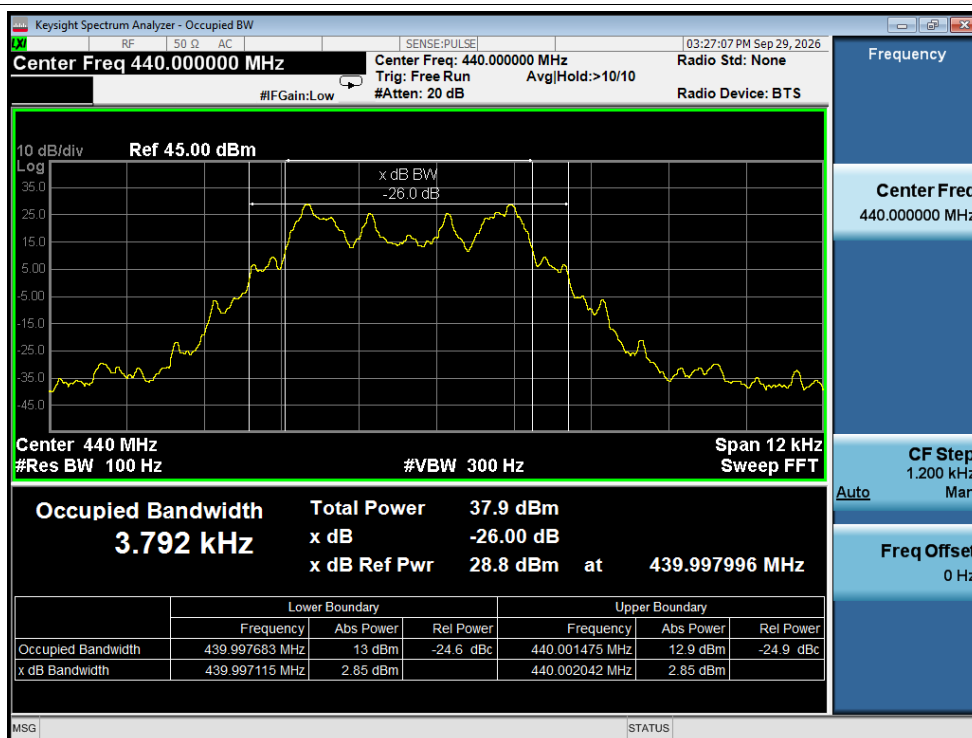
High Peak Power NVNT GMSK 469.99375MHz

OCCUPIED BANDWIDTH & EMISSION MASK

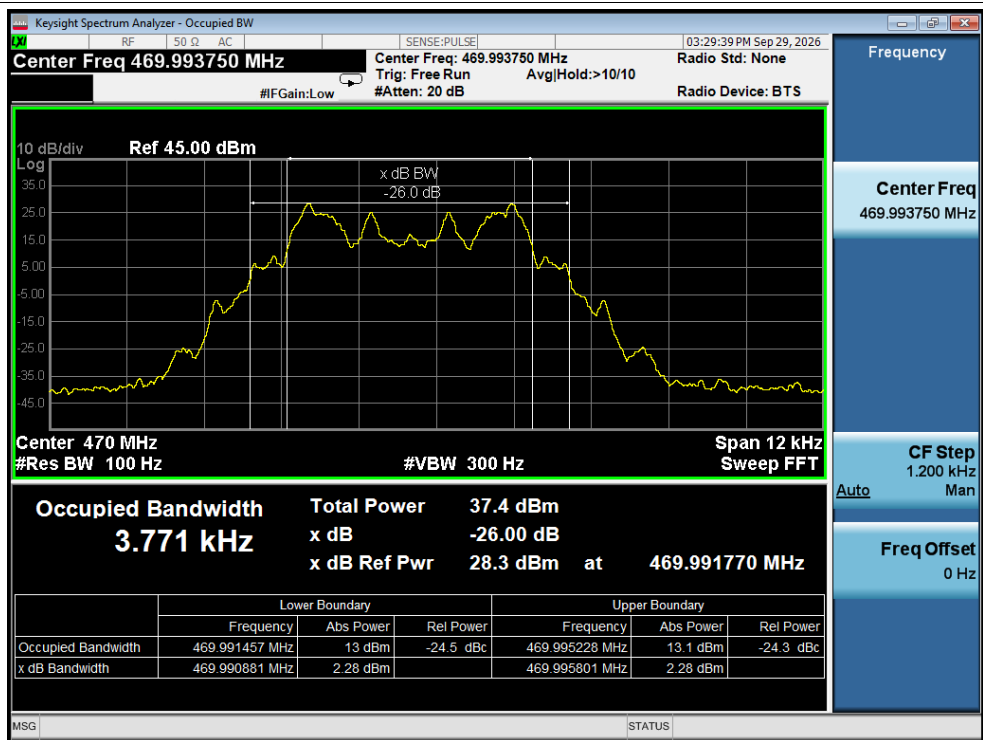
Modulation Mode	ChannelSpacing(kHz)	Frequency (MHz)	Power level	99% Bandwidth (kHz)	26dB Bandwidth (kHz)	Verdict
GMSK	6.25	410.00625	High	3.801	4.958	Pass
			Low	3.782	4.914	Pass
		440	High	3.792	4.927	Pass
			Low	3.776	4.911	Pass
		469.99375	High	3.771	4.920	Pass
			Low	3.789	4.920	Pass



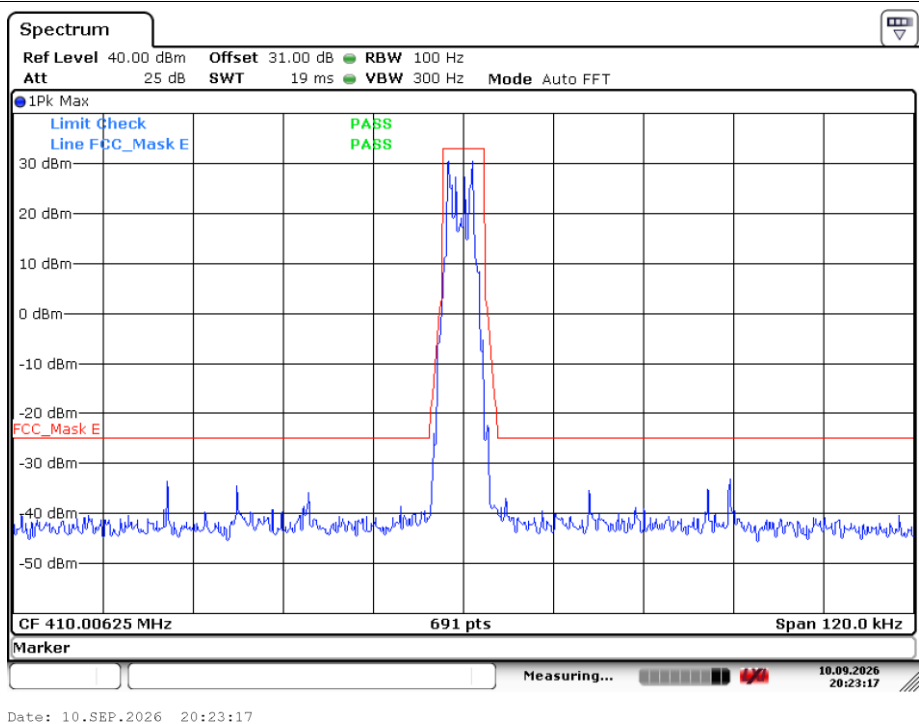
High Power 410.00625MHz



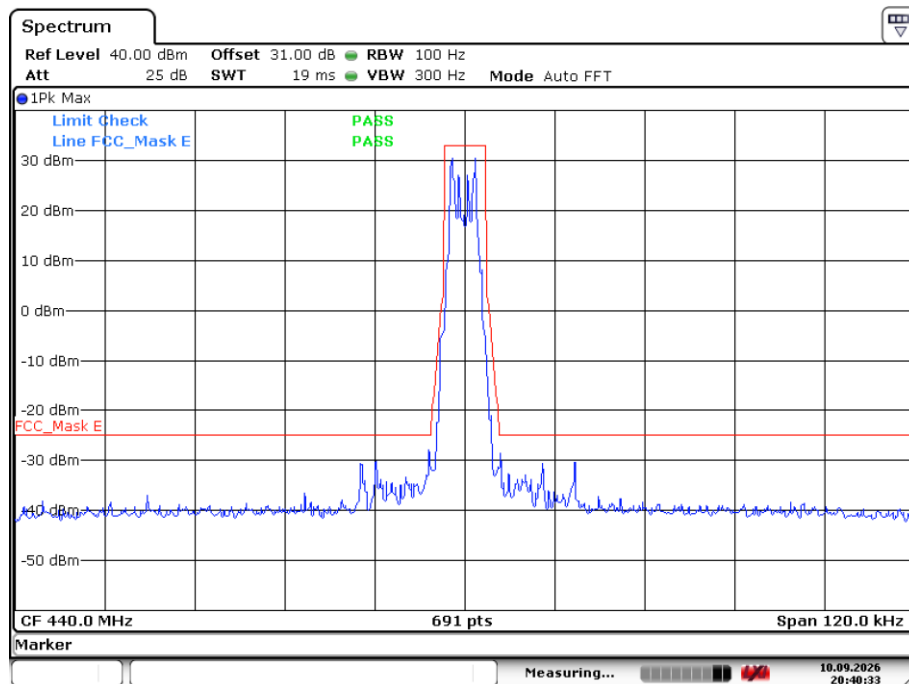
High Power 440MHz



High Power 469.99375MHz

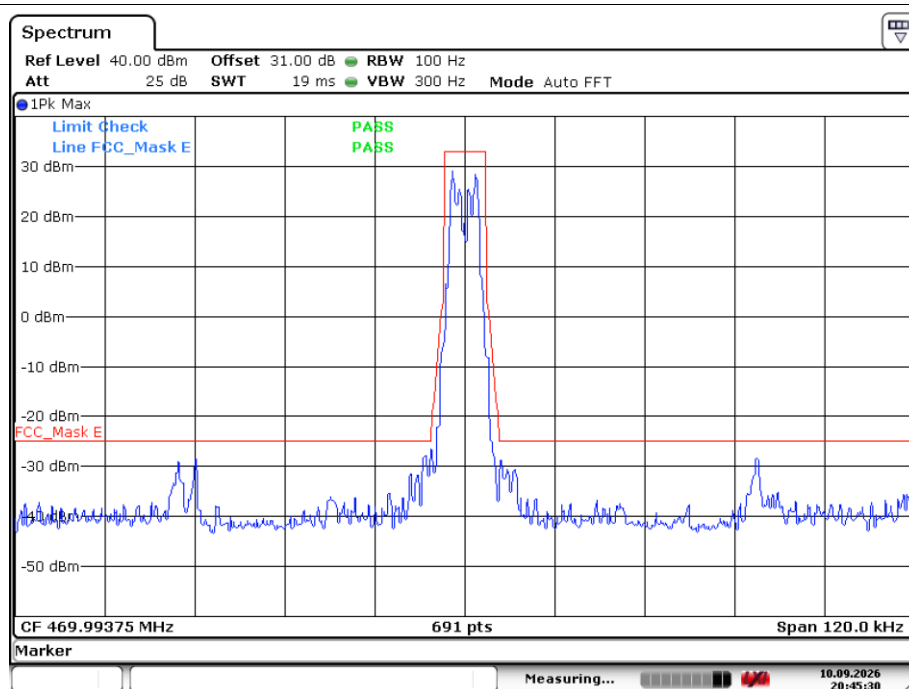


High Power Emission Mask E



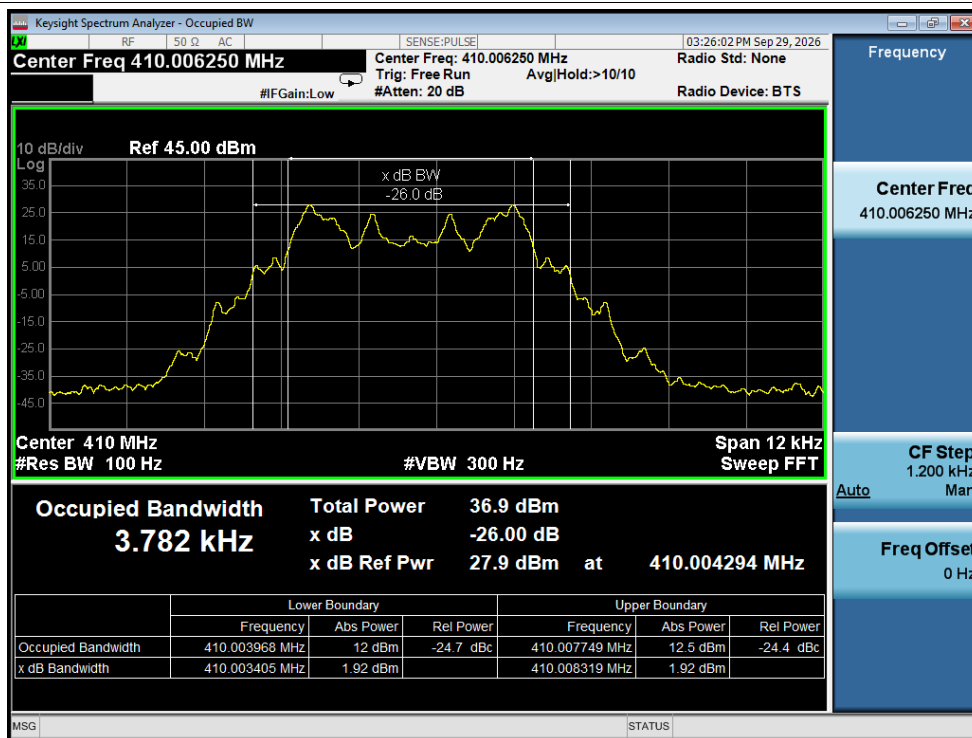
Date: 10.SEP.2026 20:40:33

High Power Emission Mask E

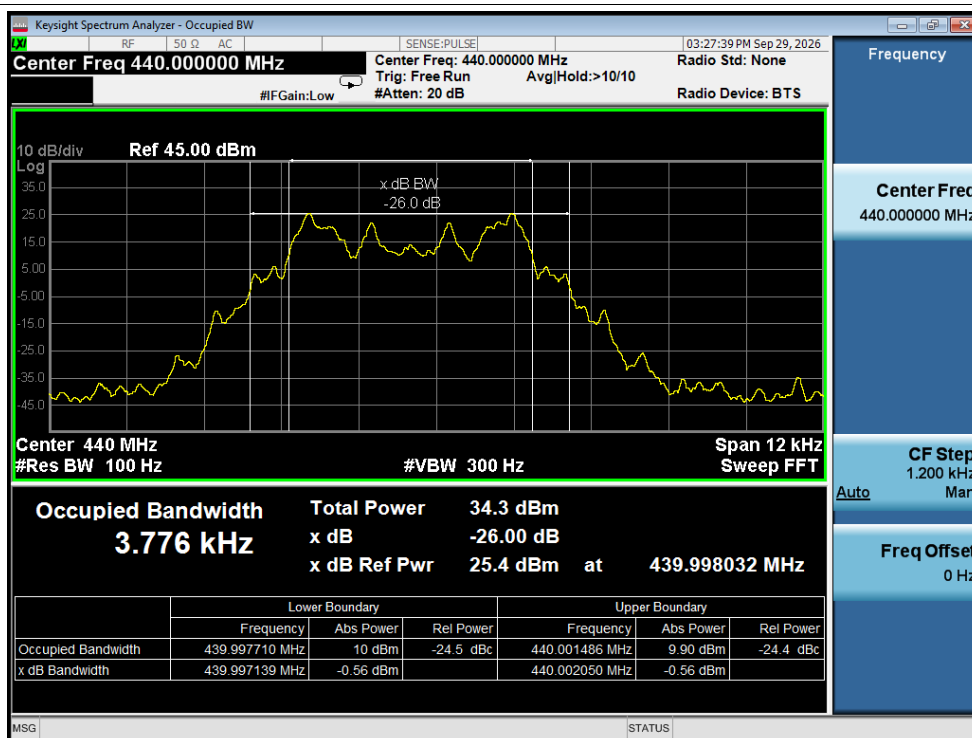


Date: 10.SEP.2026 20:45:30

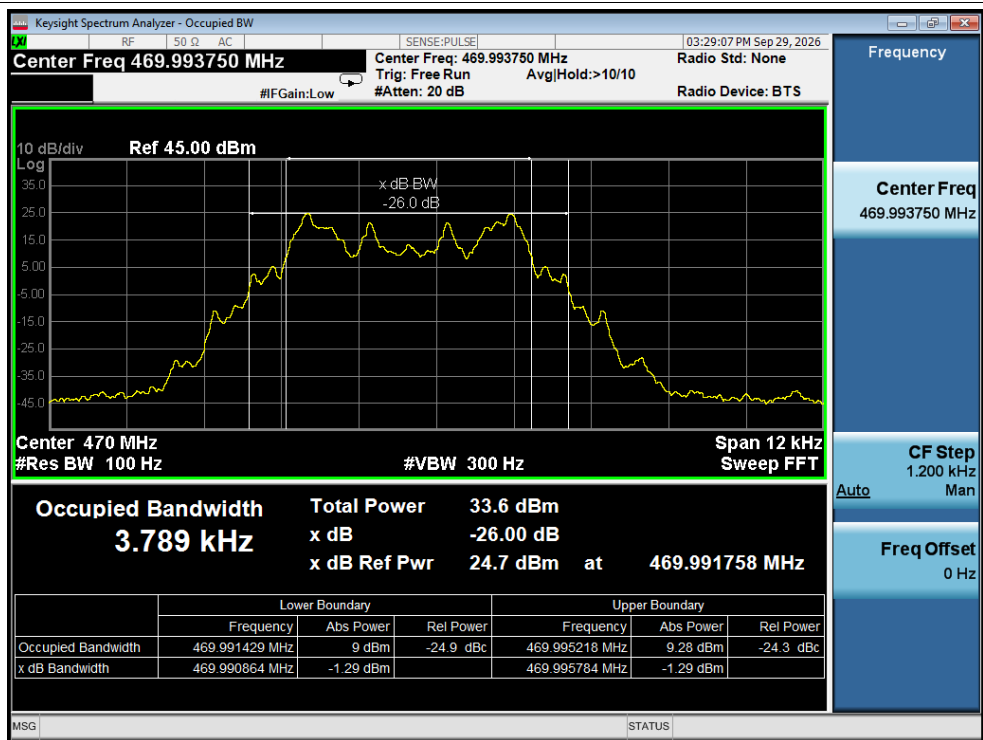
High Power Emission Mask E



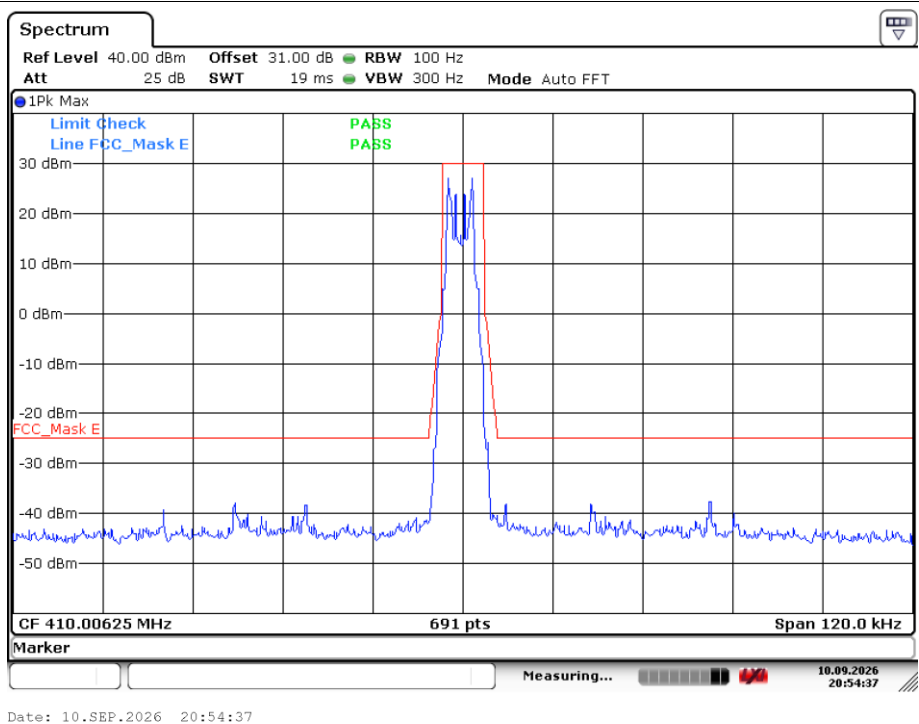
Low Power 410.00625MHz



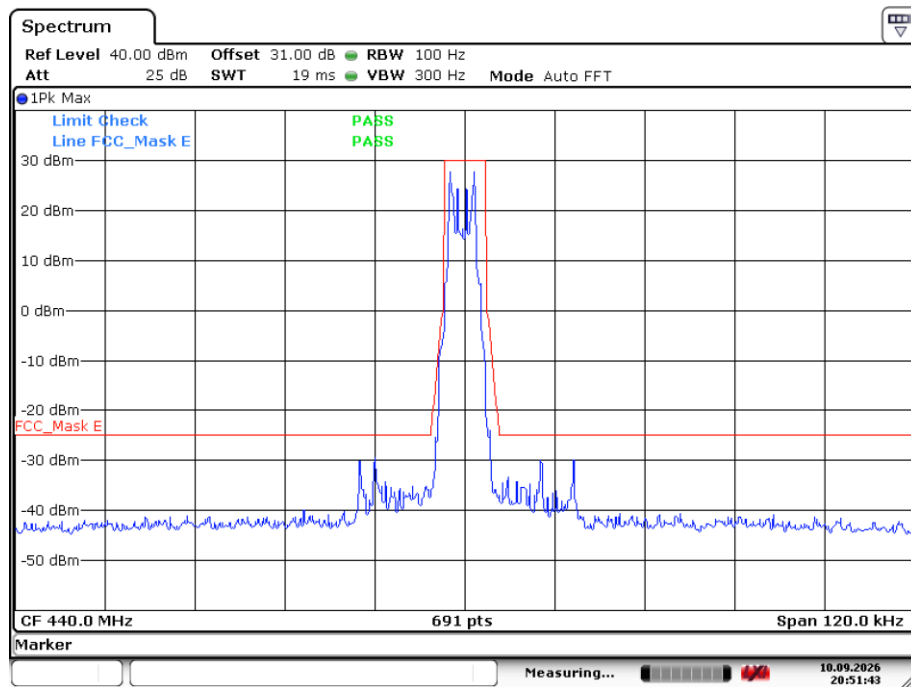
Low Power 440MHz



Low Power 469.99375MHz

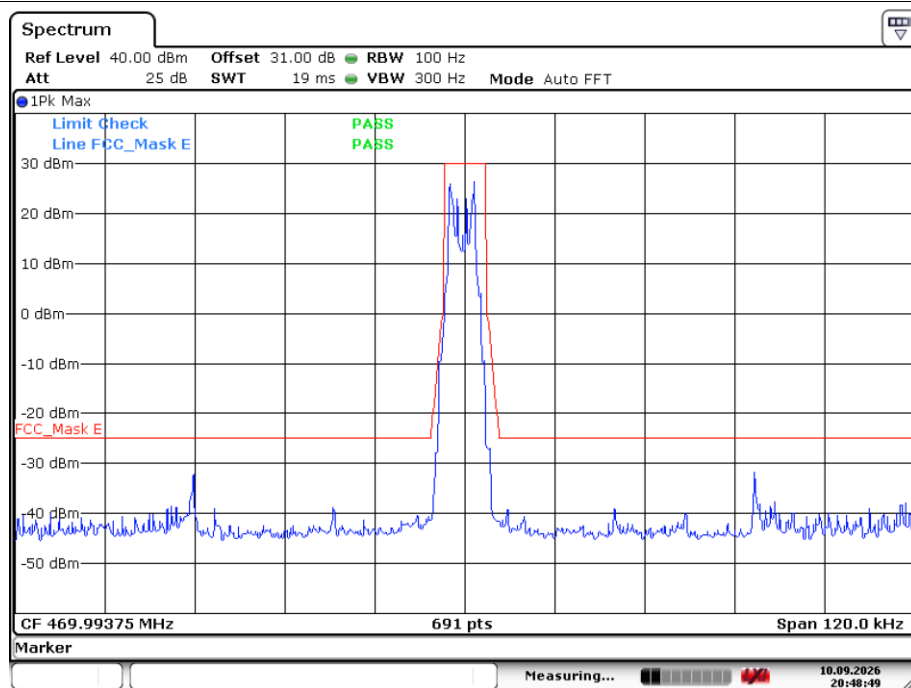


Low Power Emission Mask E



Date: 10.SEP.2026 20:51:43

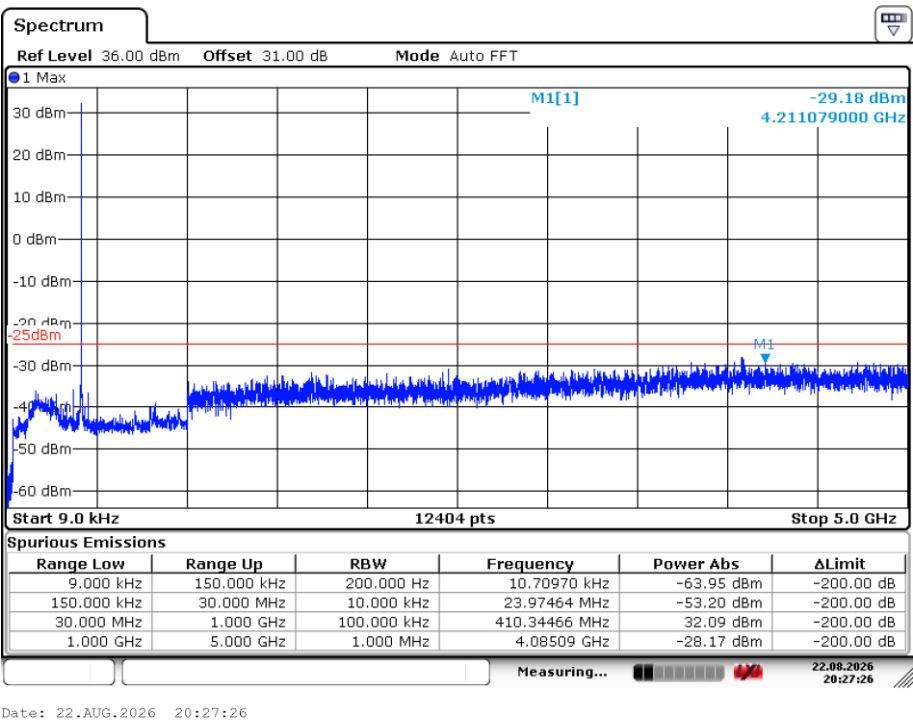
Low Power Emission Mask E



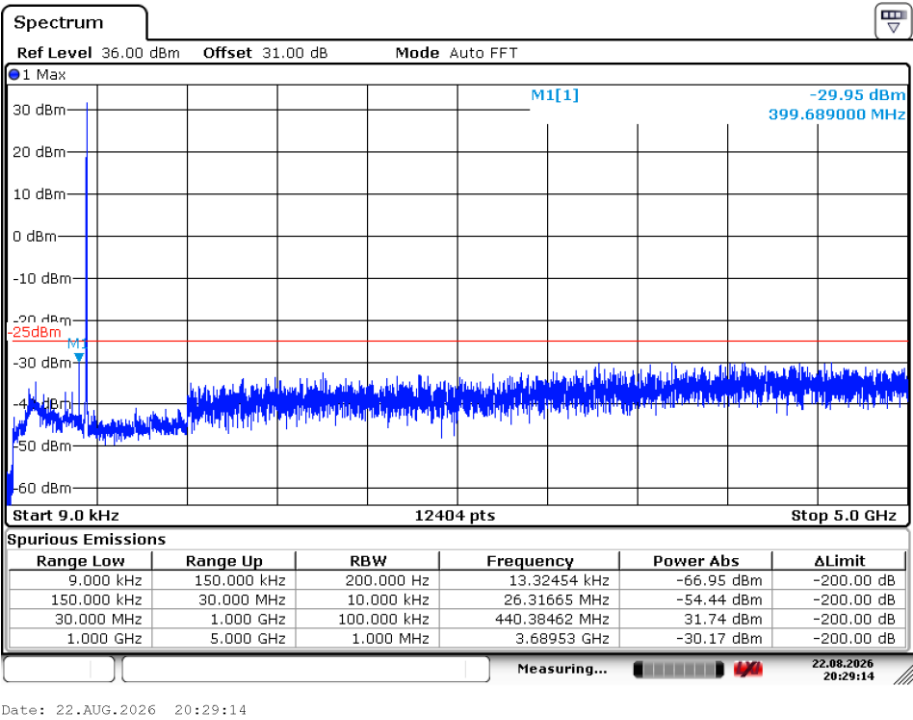
Date: 10.SEP.2026 20:48:49

Low Power Emission Mask E

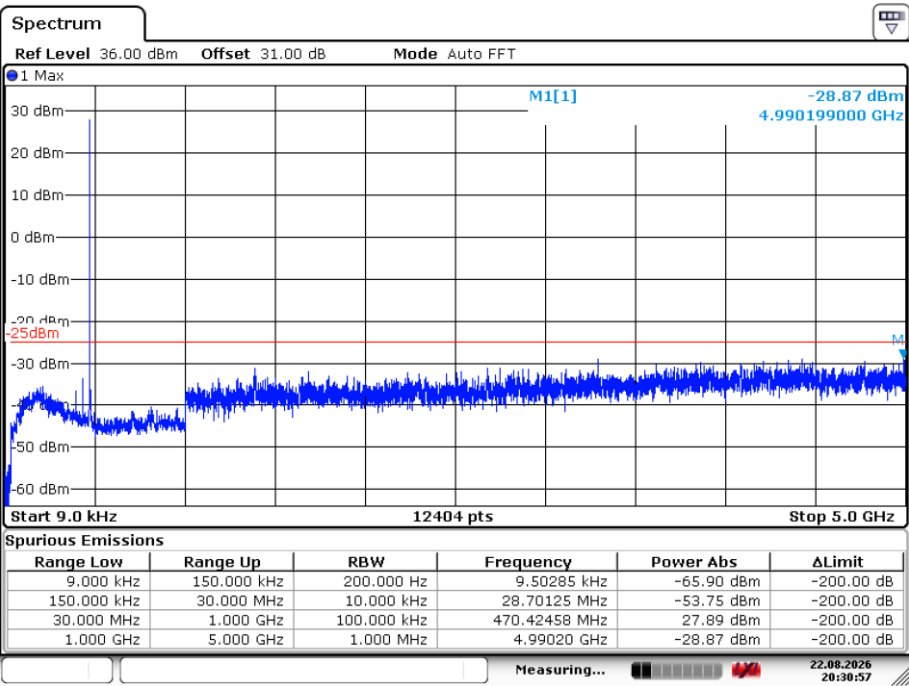
Spurious Emissions at Antenna Terminals



High power level 410.00625MHz (worst case)



High power level 440MHz (worst case)



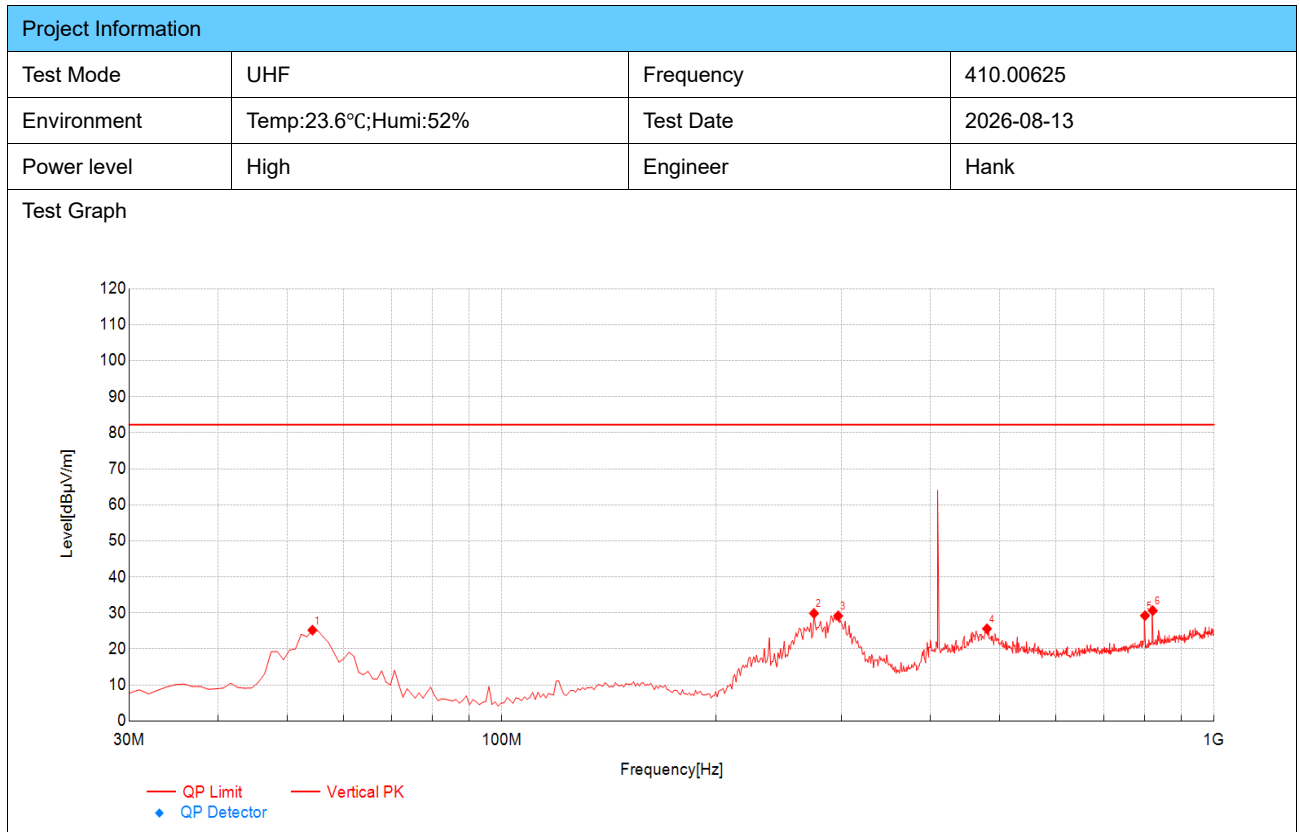
Date: 22.AUG.2026 20:30:57

High power level 469.99375MHz (worst case)

Transmitter Radiated Spurious Emission

Undesirable radiated Spurious Emission below 1GHz (30MHz to 1GHz)

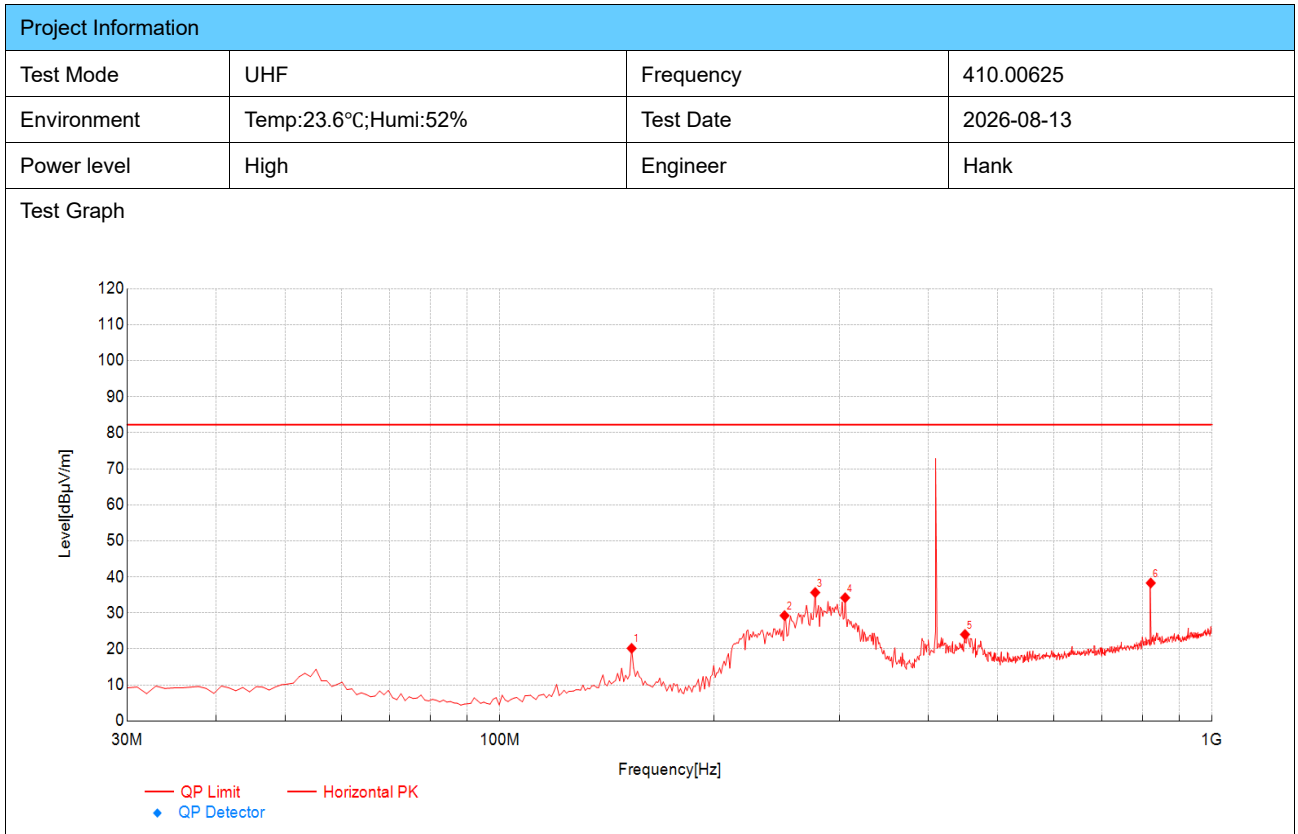
All modes have been tested and the worst result as bellow:



Suspected Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	54.25	44.49	25.22	-19.27	82.25	57.03	PK	Vertical	PASS
2	274.44	49.52	29.87	-19.65	82.25	52.38	PK	Vertical	PASS
3	296.75	48.05	29.19	-18.86	82.25	53.06	PK	Vertical	PASS
4	480.08	39.11	25.61	-13.50	82.25	56.64	PK	Vertical	PASS
5	800.18	36.51	29.25	-7.26	82.25	53.00	PK	Vertical	PASS
6	820.55	37.51	30.63	-6.88	82.25	51.62	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

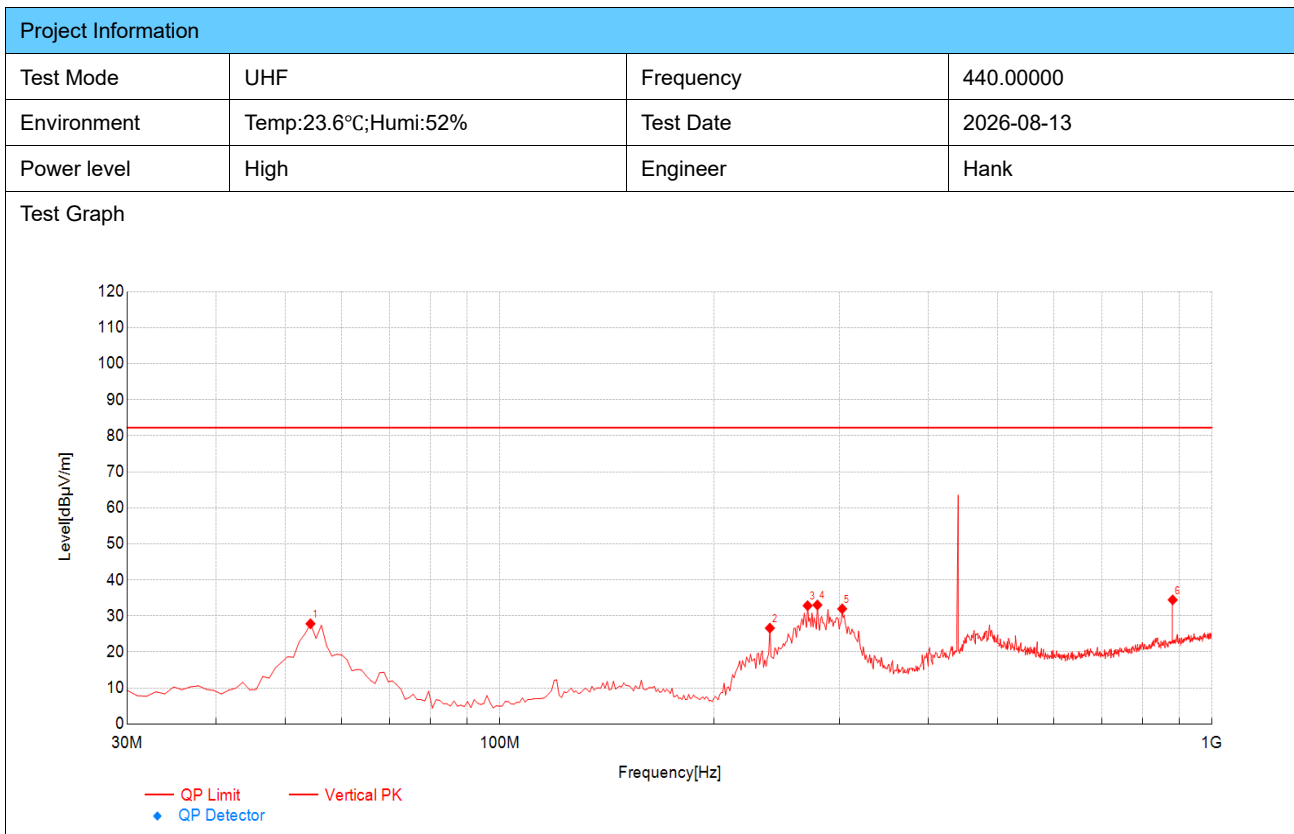
(2)Margin=Limit-Level



Suspected Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	153.19	38.26	20.17	-18.09	82.25	62.08	PK	Horizontal	PASS
2	251.16	49.51	29.26	-20.25	82.25	52.99	PK	Horizontal	PASS
3	277.35	55.22	35.66	-19.56	82.25	46.59	PK	Horizontal	PASS
4	305.48	52.67	34.21	-18.46	82.25	48.04	PK	Horizontal	PASS
5	450.01	38.39	24.03	-14.36	82.25	58.22	PK	Horizontal	PASS
6	820.55	45.18	38.30	-6.88	82.25	43.95	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

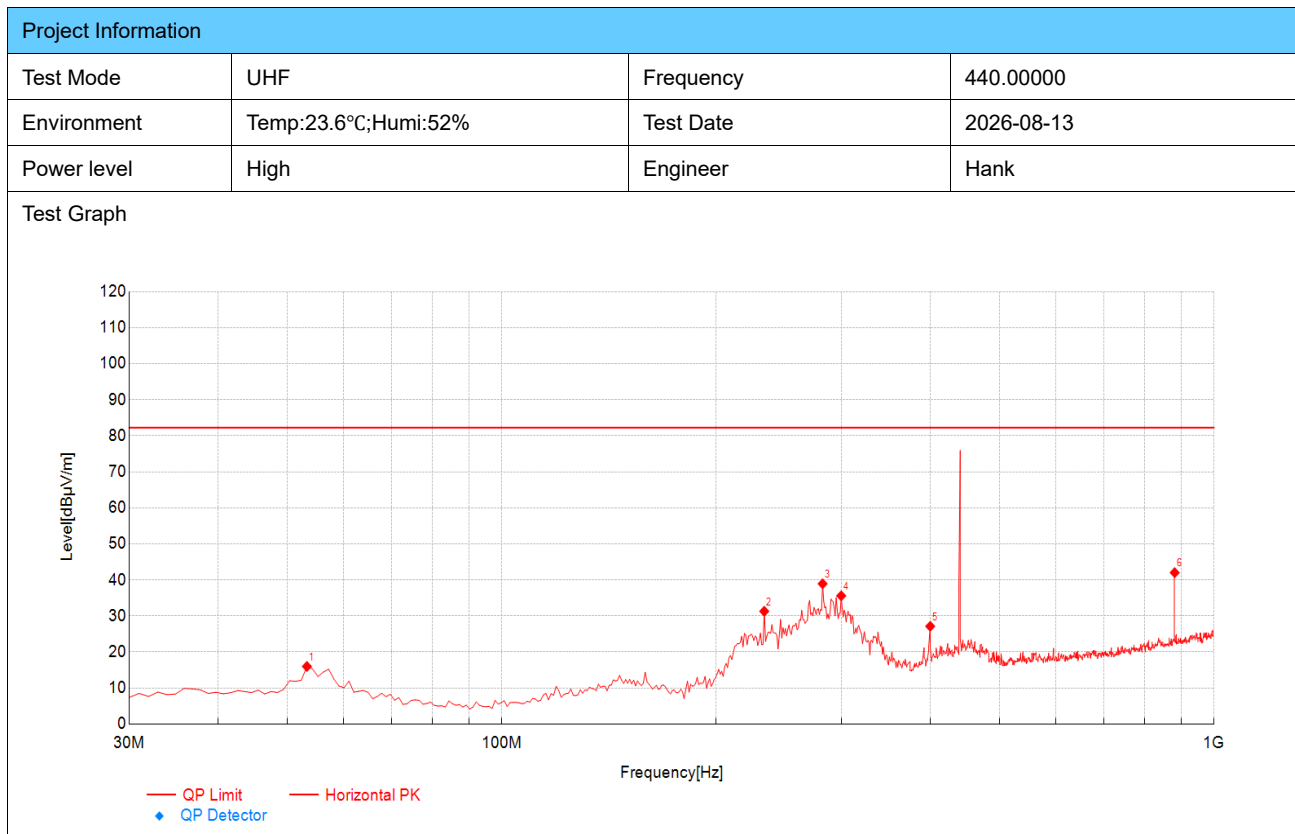
(2)Margin=Limit-Level



Suspected Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	54.25	47.10	27.83	-19.27	82.25	54.42	PK	Vertical	PASS
2	239.52	47.19	26.62	-20.57	82.25	55.63	PK	Vertical	PASS
3	270.56	52.63	32.85	-19.78	82.25	49.40	PK	Vertical	PASS
4	279.29	52.54	33.04	-19.50	82.25	49.21	PK	Vertical	PASS
5	302.57	50.54	31.97	-18.57	82.25	50.28	PK	Vertical	PASS
6	880.69	39.98	34.45	-5.53	82.25	47.80	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

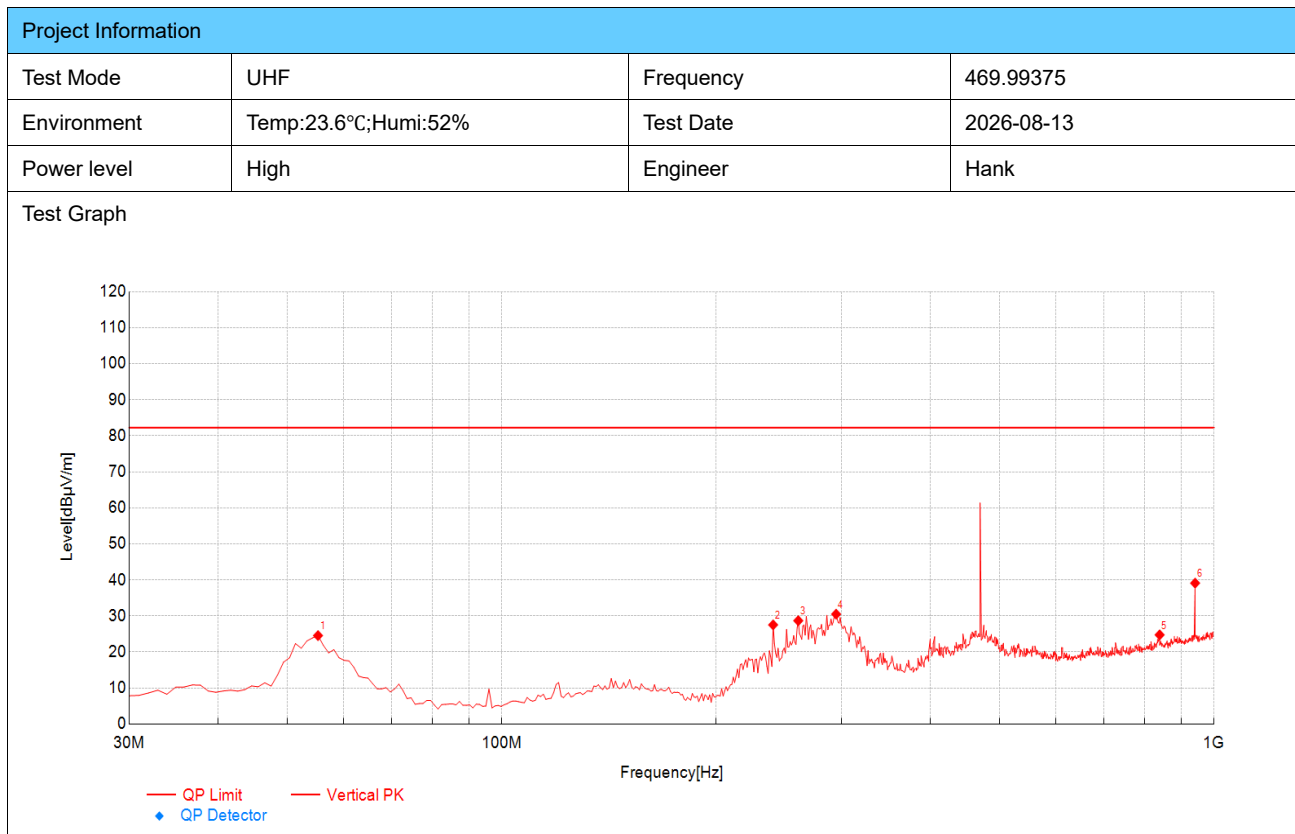
(2)Margin=Limit-Level



Suspected Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	53.28	35.07	15.98	-19.09	82.25	66.27	PK	Horizontal	PASS
2	233.70	52.11	31.29	-20.82	82.25	50.96	PK	Horizontal	PASS
3	282.20	58.37	38.92	-19.45	82.25	43.33	PK	Horizontal	PASS
4	299.66	54.25	35.58	-18.67	82.25	46.67	PK	Horizontal	PASS
5	399.57	42.80	27.12	-15.68	82.25	55.13	PK	Horizontal	PASS
6	880.69	47.54	42.01	-5.53	82.25	40.24	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

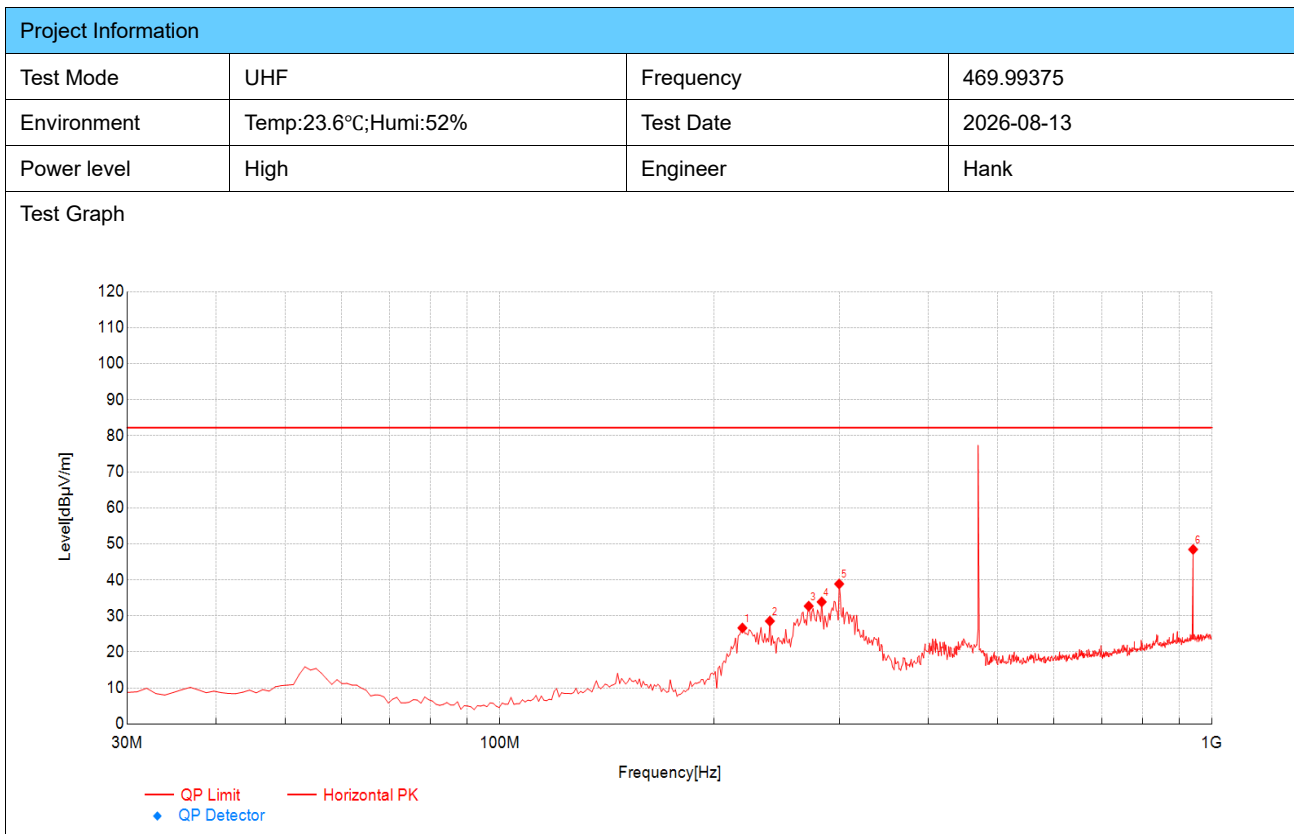
(2)Margin=Limit-Level



Suspected Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	55.22	43.98	24.55	-19.43	82.25	57.70	PK	Vertical	PASS
2	240.49	48.03	27.52	-20.51	82.25	54.73	PK	Vertical	PASS
3	260.86	48.73	28.68	-20.05	82.25	53.57	PK	Vertical	PASS
4	294.81	49.44	30.49	-18.95	82.25	51.76	PK	Vertical	PASS
5	838.98	31.30	24.75	-6.55	82.25	57.50	PK	Vertical	PASS
6	940.83	43.55	39.10	-4.45	82.25	43.15	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level



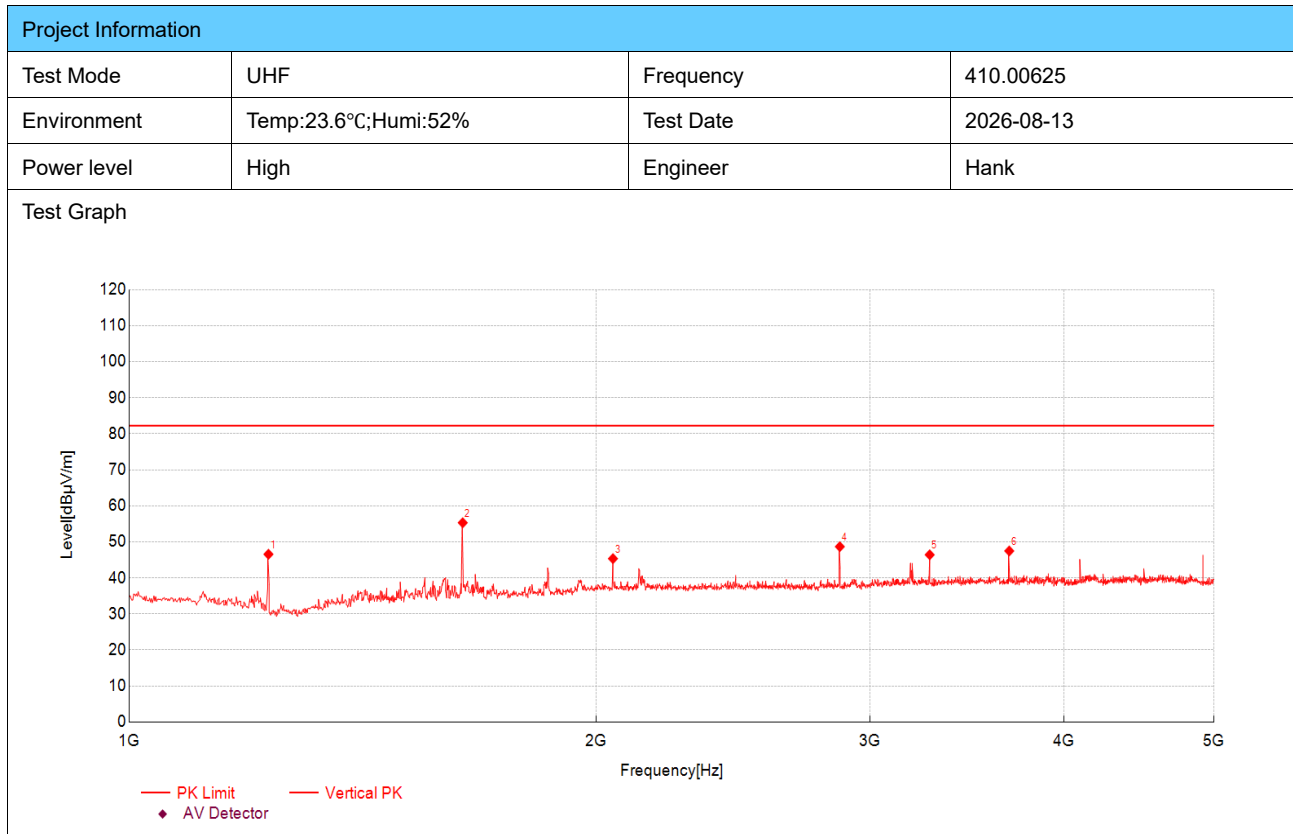
Suspected Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	219.15	48.07	26.65	-21.42	82.25	55.60	PK	Horizontal	PASS
2	239.52	49.13	28.56	-20.57	82.25	53.69	PK	Horizontal	PASS
3	271.53	52.42	32.71	-19.71	82.25	49.54	PK	Horizontal	PASS
4	283.17	53.33	33.89	-19.44	82.25	48.36	PK	Horizontal	PASS
5	299.66	57.55	38.88	-18.67	82.25	43.37	PK	Horizontal	PASS
6	940.83	52.90	48.45	-4.45	82.25	33.80	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Undesirable radiated Spurious Emission Above 1GHz (1GHz to 5GHz)

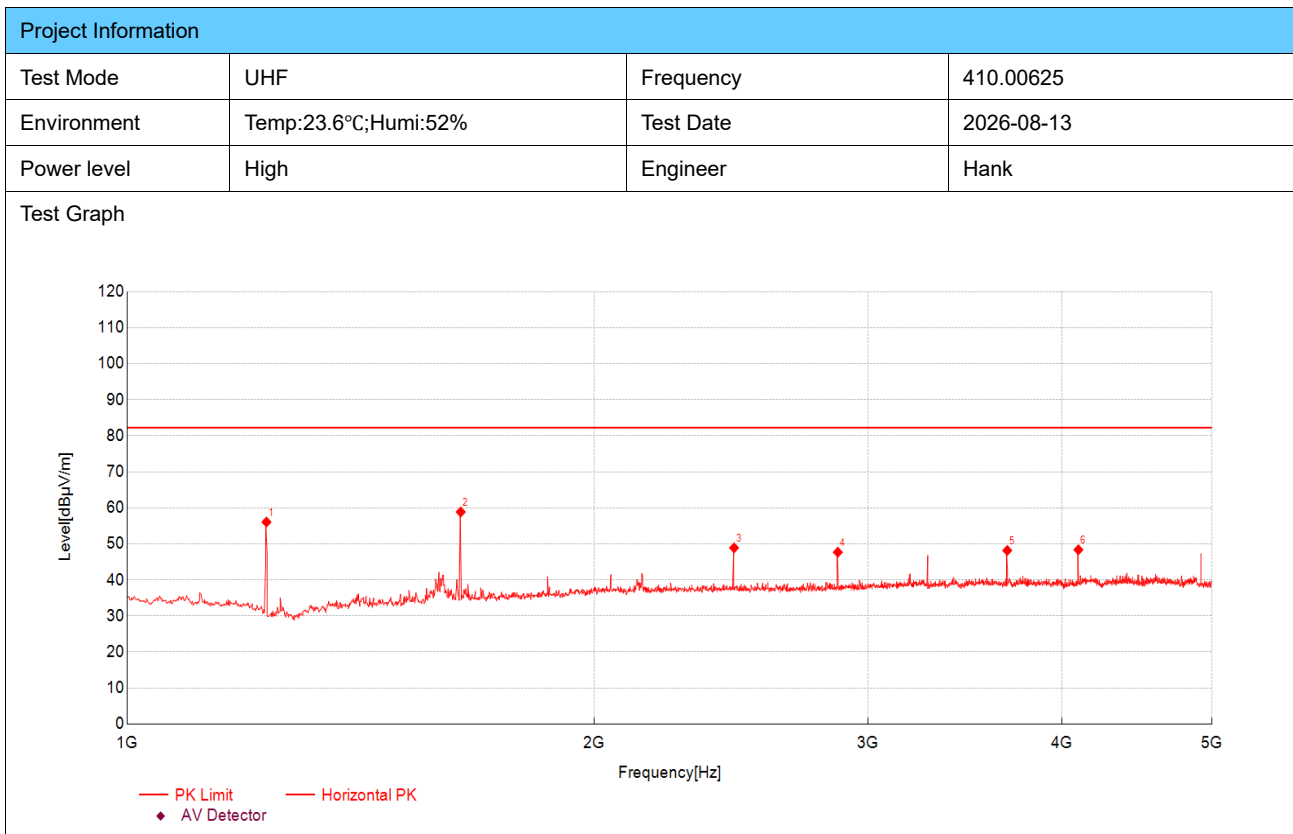
All modes have been tested and the worst result as bellow:



Suspected Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	1229.41	69.39	46.56	-22.83	82.25	35.69	PK	Vertical	PASS
2	1640.21	76.69	55.30	-21.39	82.25	26.95	PK	Vertical	PASS
3	2049.68	63.57	45.34	-18.23	82.25	36.91	PK	Vertical	PASS
4	2869.96	65.02	48.67	-16.35	82.25	33.58	PK	Vertical	PASS
5	3279.43	61.27	46.41	-14.86	82.25	35.84	PK	Vertical	PASS
6	3690.23	61.32	47.48	-13.84	82.25	34.77	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

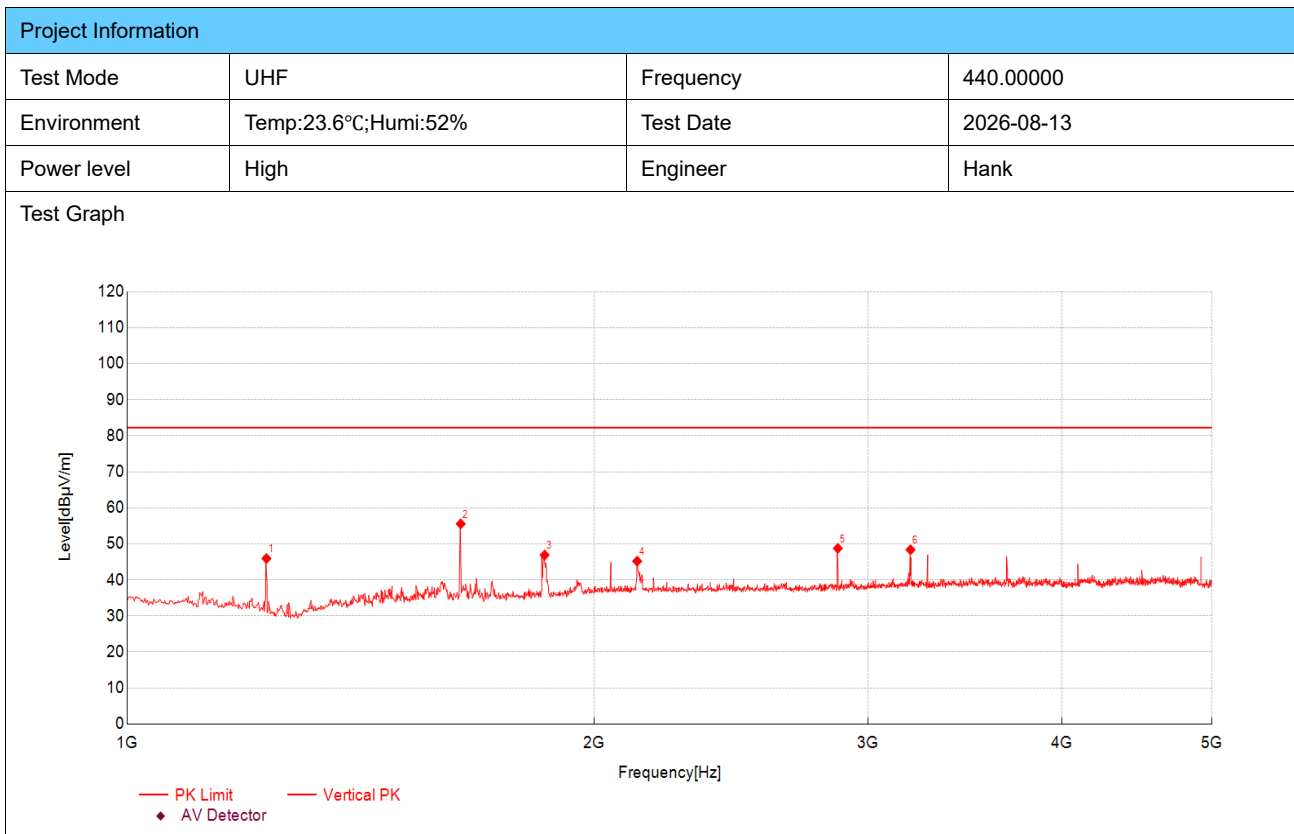
(2)Margin=Limit-Level



Suspected Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	1229.41	78.88	56.05	-22.83	82.25	26.20	PK	Horizontal	PASS
2	1640.21	80.24	58.85	-21.39	82.25	23.40	PK	Horizontal	PASS
3	2460.49	66.19	48.90	-17.29	82.25	33.35	PK	Horizontal	PASS
4	2869.96	64.03	47.68	-16.35	82.25	34.57	PK	Horizontal	PASS
5	3690.23	62.00	48.16	-13.84	82.25	34.09	PK	Horizontal	PASS
6	4101.03	61.30	48.35	-12.95	82.25	33.90	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

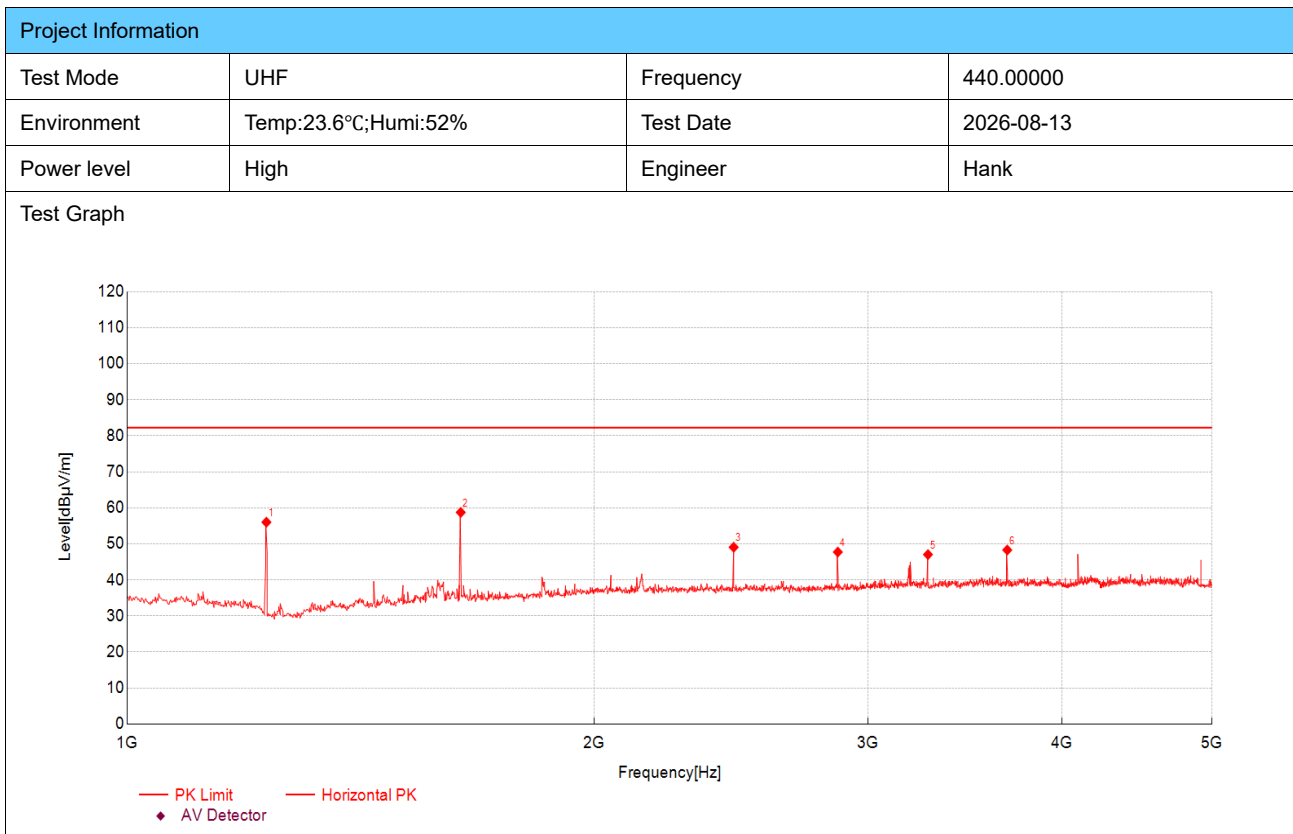
(2)Margin=Limit-Level



Suspected Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	1229.41	68.77	45.94	-22.83	82.25	36.31	PK	Vertical	PASS
2	1640.21	76.94	55.55	-21.39	82.25	26.70	PK	Vertical	PASS
3	1857.62	66.52	46.90	-19.62	82.25	35.35	PK	Vertical	PASS
4	2131.04	63.22	45.19	-18.03	82.25	37.06	PK	Vertical	PASS
5	2869.96	65.11	48.76	-16.35	82.25	33.49	PK	Vertical	PASS
6	3196.73	63.45	48.36	-15.09	82.25	33.89	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

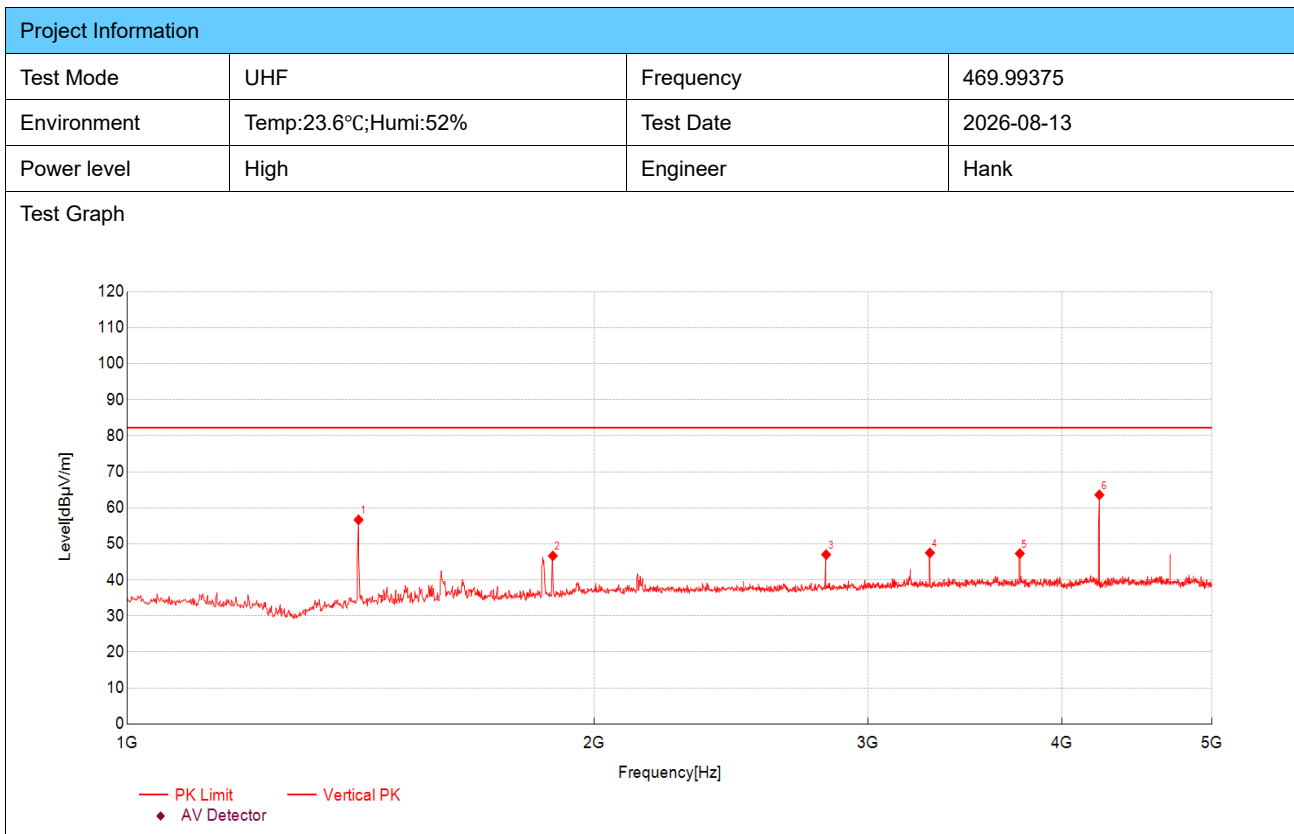
(2)Margin=Limit-Level



Suspected Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	1229.41	78.84	56.01	-22.83	82.25	26.24	PK	Horizontal	PASS
2	1640.21	80.12	58.73	-21.39	82.25	23.52	PK	Horizontal	PASS
3	2459.15	66.35	49.06	-17.29	82.25	33.19	PK	Horizontal	PASS
4	2869.96	64.07	47.72	-16.35	82.25	34.53	PK	Horizontal	PASS
5	3280.76	61.88	47.03	-14.85	82.25	35.22	PK	Horizontal	PASS
6	3690.23	62.14	48.30	-13.84	82.25	33.95	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

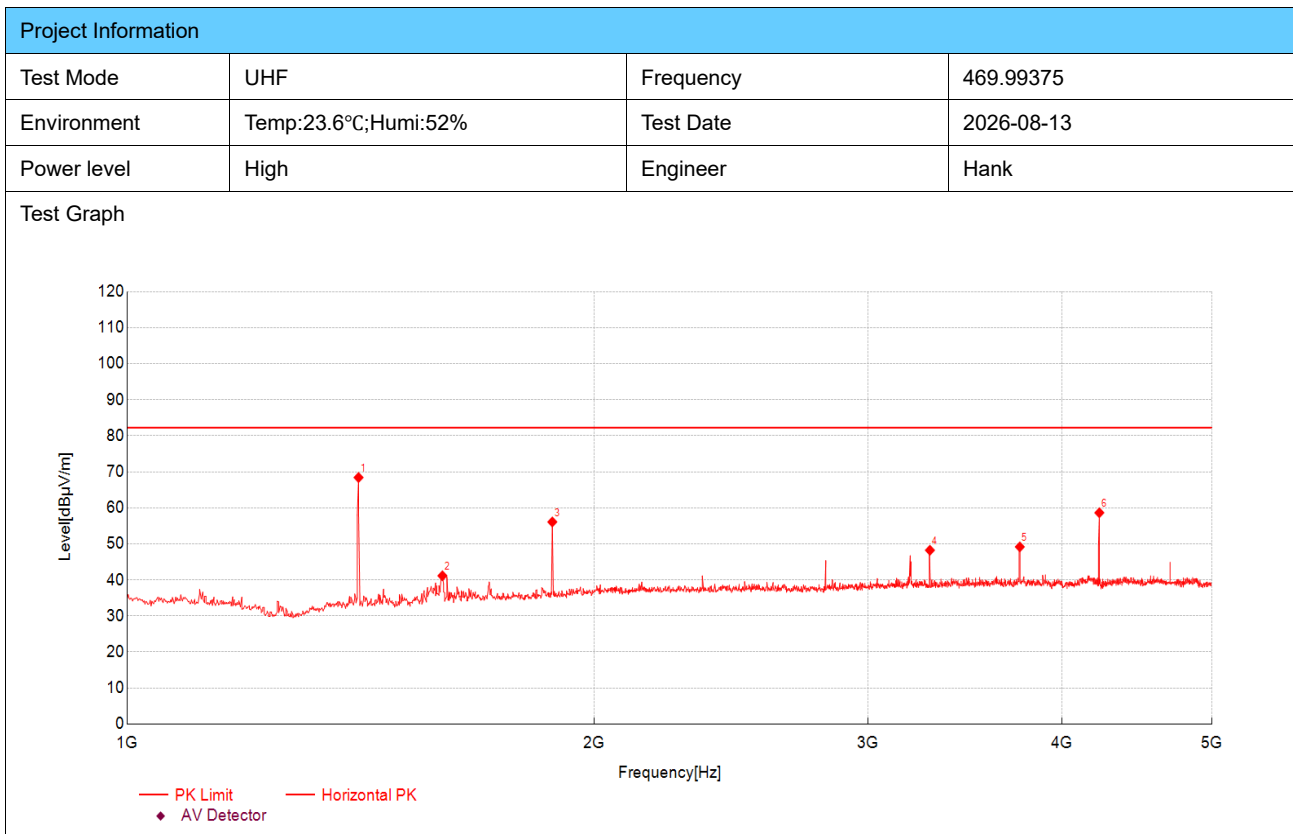
(2)Margin=Limit-Level



Suspected Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	1409.47	79.27	56.66	-22.61	82.25	25.59	PK	Vertical	PASS
2	1880.29	66.10	46.66	-19.44	82.25	35.59	PK	Vertical	PASS
3	2820.61	63.52	47.02	-16.50	82.25	35.23	PK	Vertical	PASS
4	3290.10	62.28	47.50	-14.78	82.25	34.75	PK	Vertical	PASS
5	3759.59	60.95	47.31	-13.64	82.25	34.94	PK	Vertical	PASS
6	4230.41	76.22	63.59	-12.63	82.25	18.66	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level



Suspected Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	1409.47	91.02	68.41	-22.61	82.25	13.84	PK	Horizontal	PASS
2	1596.20	62.88	41.15	-21.73	82.25	41.10	PK	Horizontal	PASS
3	1878.96	75.53	56.08	-19.45	82.25	26.17	PK	Horizontal	PASS
4	3290.10	63.01	48.23	-14.78	82.25	34.02	PK	Horizontal	PASS
5	3759.59	62.81	49.17	-13.64	82.25	33.08	PK	Horizontal	PASS
6	4230.41	71.26	58.63	-12.63	82.25	23.62	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

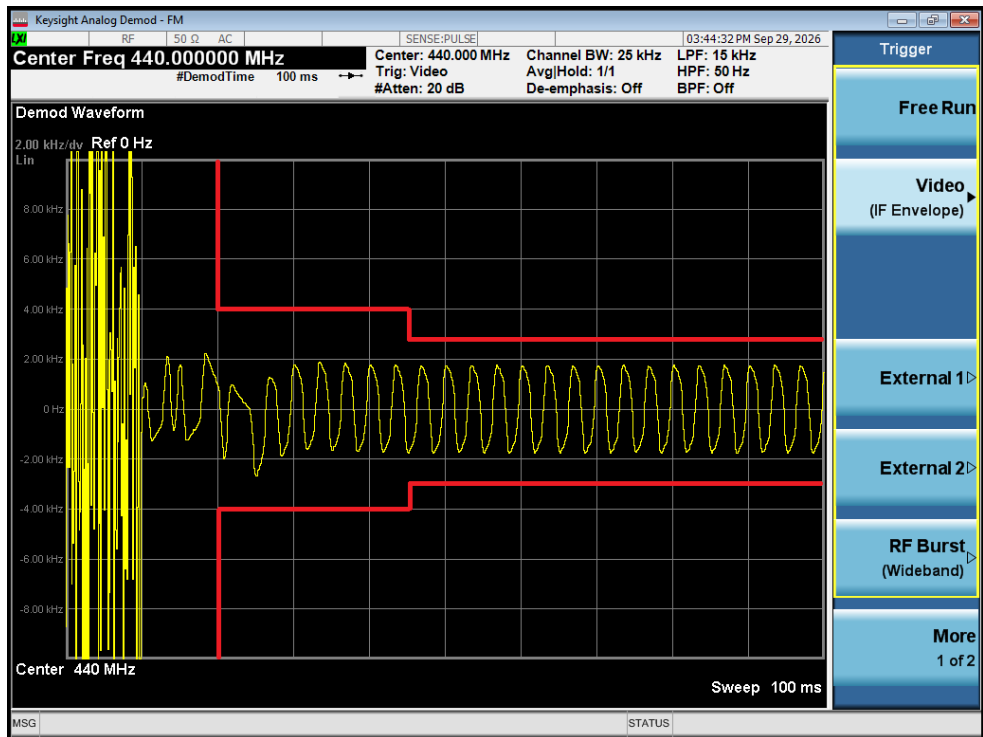
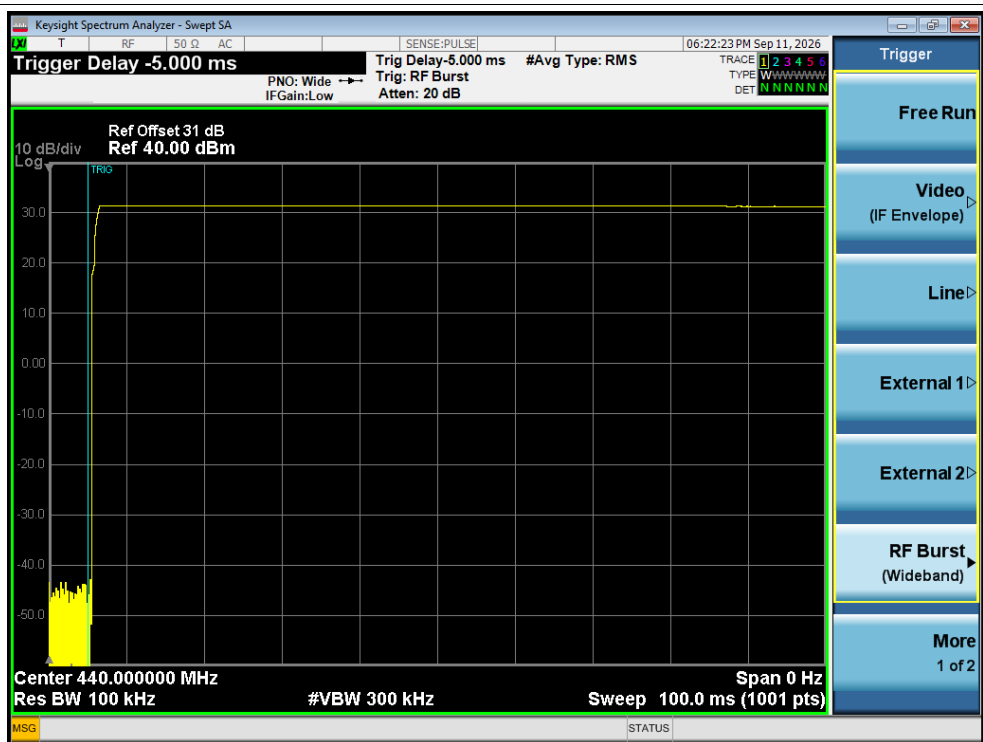
Frequency Stability

Modulation Mode	ChannelSpacing(kHz)	410.00625 MHz, High power				
		Temperature(°C)	Voltage Supplied (Vdc)	Measured Frequency (MHz)	Frequency Error (ppm)	Limit(ppm)
GMSK	6.25	-40	N.V.7.4	410.00624	-0.024	±1
		-30		410.00623	-0.049	±1
		-20		410.00623	-0.049	±1
		-10		410.00619	-0.146	±1
		0		410.00618	-0.171	±1
		10		410.00622	-0.073	±1
		20		410.00626	0.073	±1
		30		410.00623	-0.049	±1
		40		410.00618	-0.171	±1
		50		410.00627	0.049	±1
		60		410.00629	0.098	±1
		70		410.00629	0.098	±1
		20	L.V.6.66	410.00643	0.439	±1
			H.V.8.14	410.00646	0.512	±1

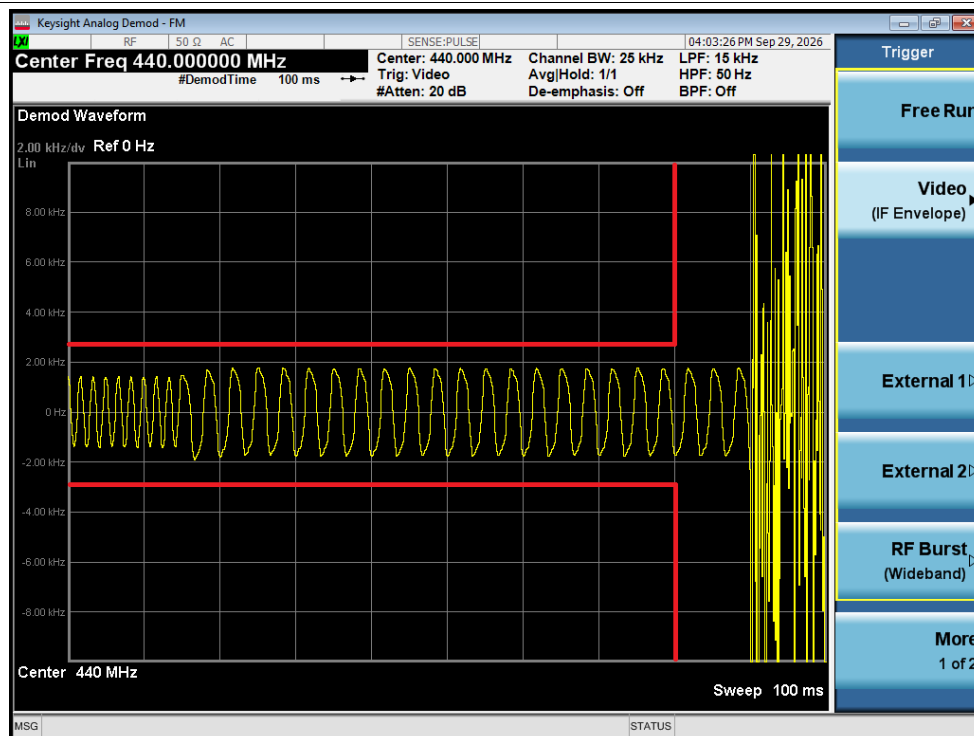
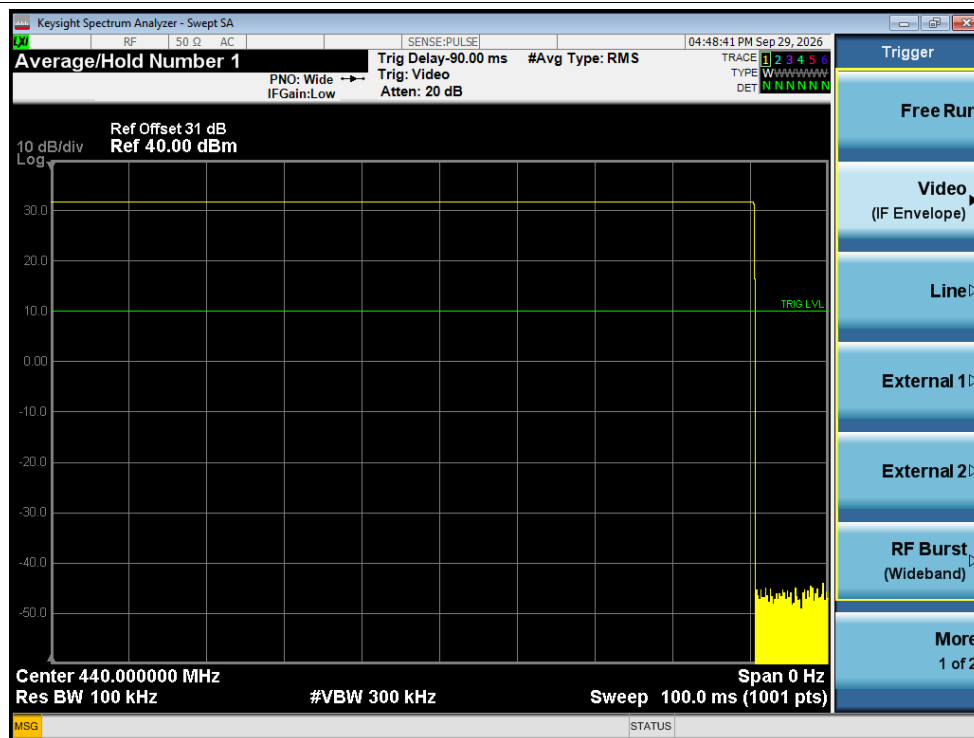
Modulation Mode	ChannelSpacing(kHz)	440 MHz, High power				
		Temperature(°C)	Voltage Supplied (Vdc)	Measured Frequency (MHz)	Frequency Error (ppm)	Limit(ppm)
GMSK	6.25	-40	N.V.7.4	440.00022	0.500	±1
		-30		440.00021	0.477	±1
		-20		440.00015	0.341	±1
		-10		440.00023	0.523	±1
		0		440.00025	0.568	±1
		10		440.00035	0.795	±1
		20		440.00036	0.818	±1
		30		440.00036	0.818	±1
		40		440.00028	0.636	±1
		50		440.00015	0.341	±1
		60		440.00042	0.955	±1
		70		440.00039	0.886	±1
		20	L.V.6.66	440.00034	0.773	±1
			H.V.8.14	440.00033	0.750	±1

Modulation Mode	ChannelSpacing(kHz)	469.99375 MHz, High power				
GMSK	6.25	Temperature(°C)	Voltage Supplied (Vdc)	Measured Frequency (MHz)	Frequency Error (ppm)	Limit(ppm)
		-40	N.V.7.4	469.99366	-0.191	±1
		-30		469.99364	-0.234	±1
		-20		469.99359	-0.340	±1
		-10		469.99359	-0.340	±1
		0		469.99358	-0.361	±1
		10		469.99363	-0.255	±1
		20		469.99362	-0.277	±1
		30		469.99365	-0.213	±1
		40		469.99354	-0.447	±1
		50		469.99353	-0.468	±1
		60		469.99357	-0.382	±1
		70		469.99367	-0.170	±1
		20	L.V.6.66	469.99389	0.298	±1
			H.V.8.14	469.99391	0.340	±1

Transient Frequency Behavior



6.25 kHz Channel Separation, Assigned Frequency:440MHz-Turn On



6.25 kHz Channel Separation, Assigned Frequency:440MHz-Turn Off

Note: All the test frequencies was tested, but only the worst data be recorded in this part.